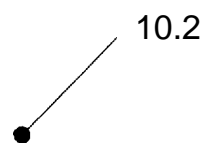


Map 10. Mean sea level pressure and vector mean wind

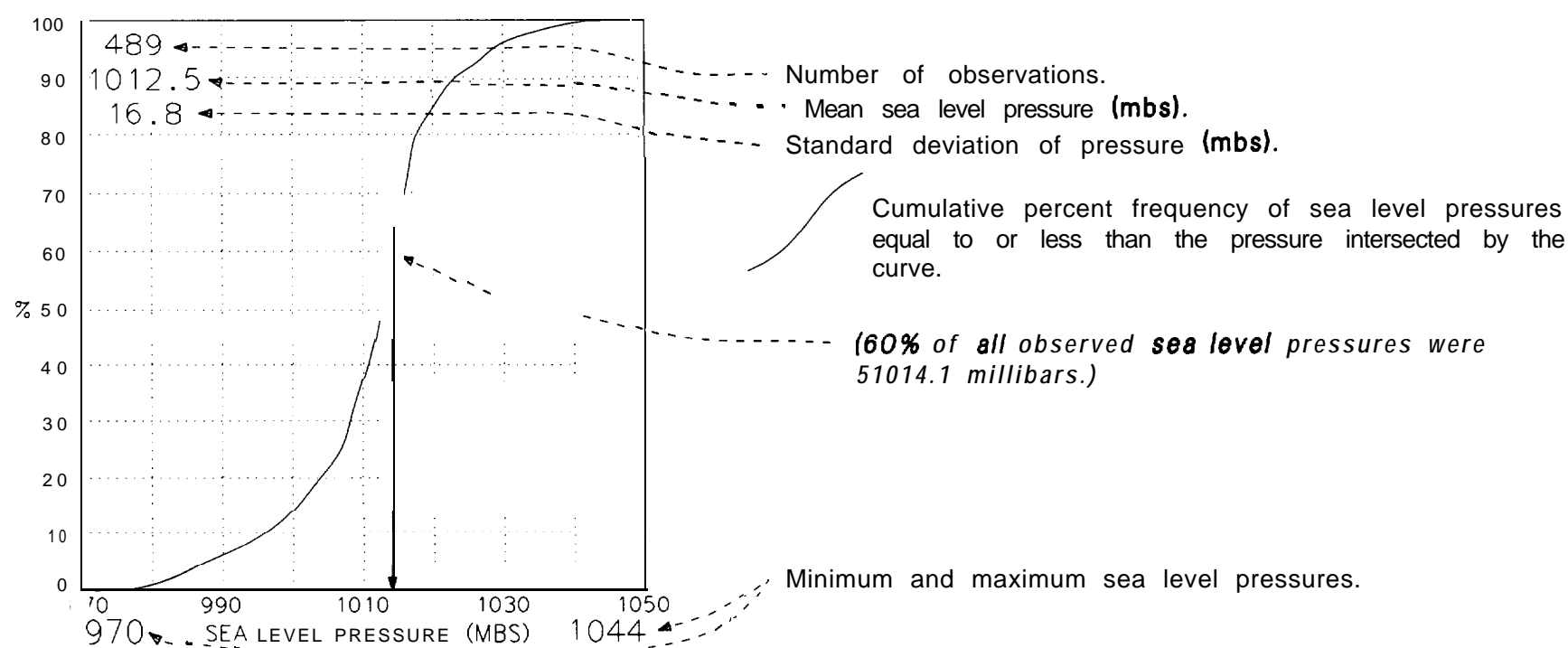
BLACK LINE — Mean sea level pressure (millibars).



Direction of flow toward station dot; vector magnitude in knots (example: vector mean wind is from northeast at 10.2 knots or 11.7 mph).

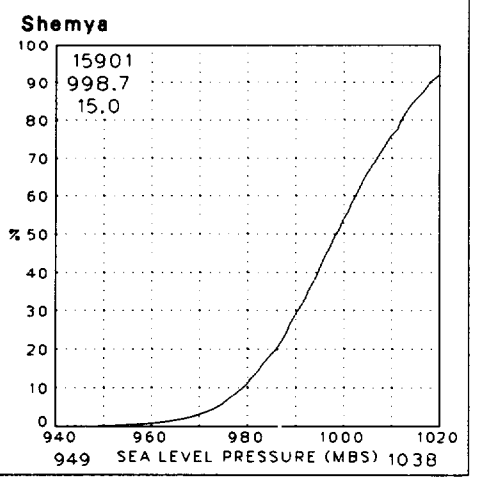
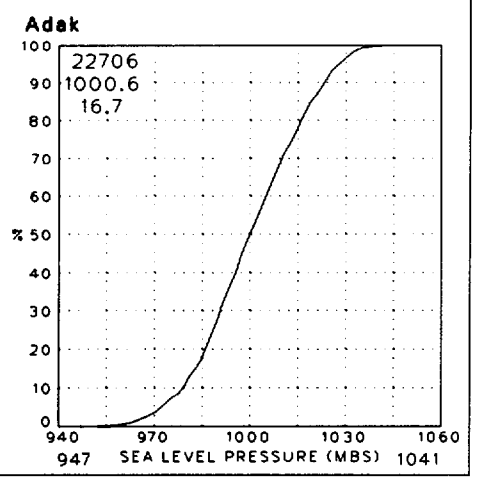
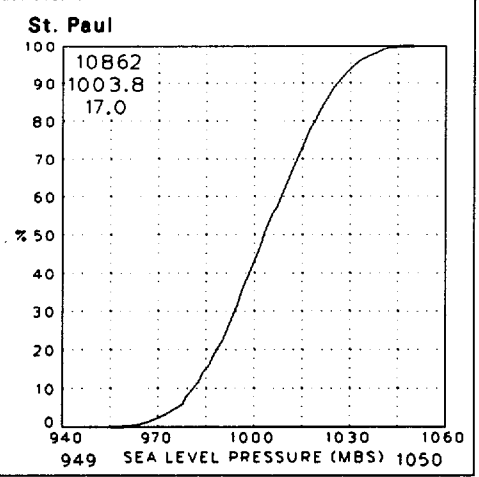
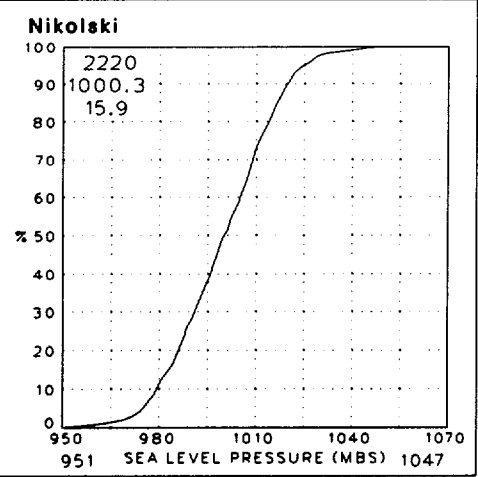
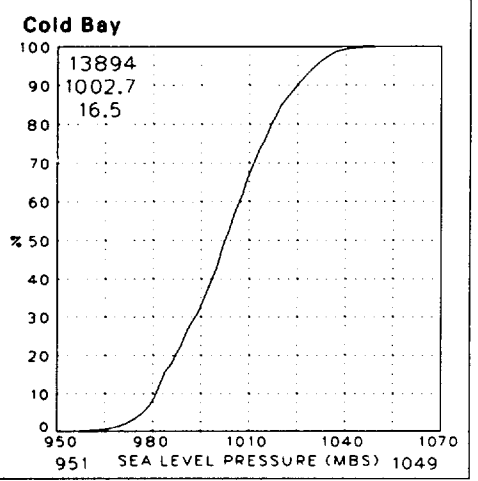
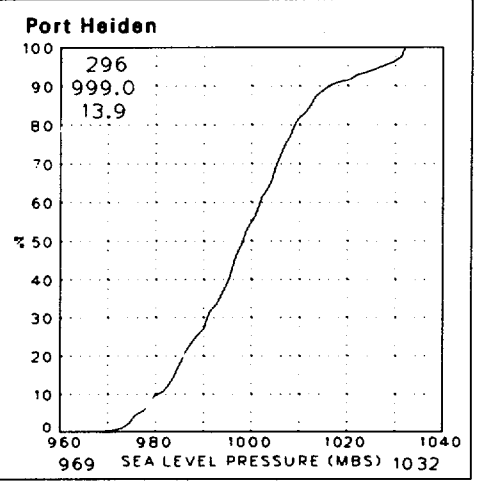
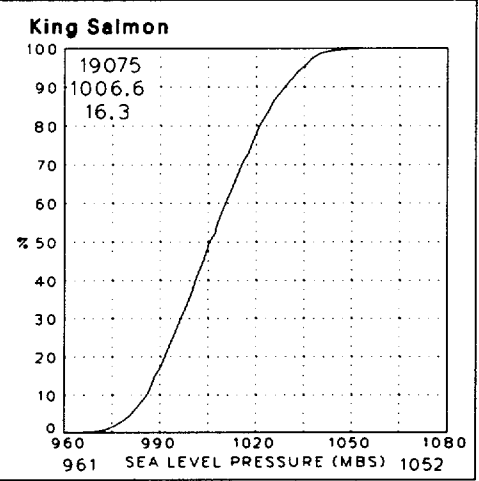
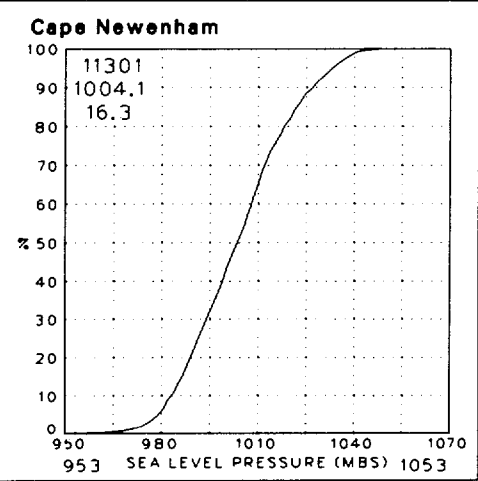
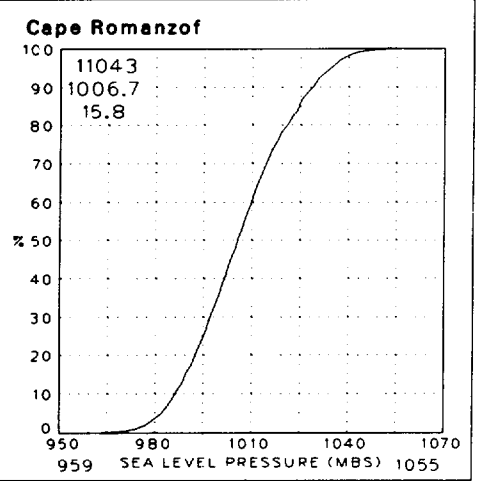
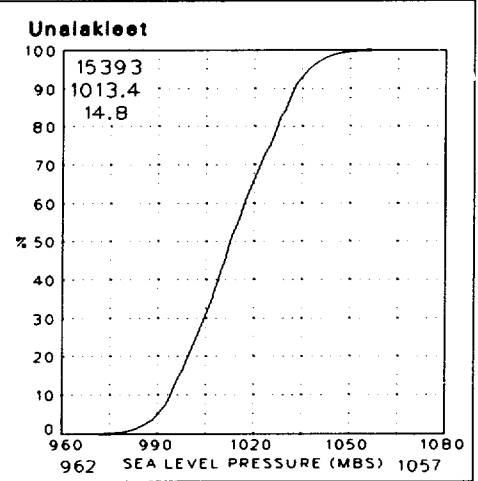
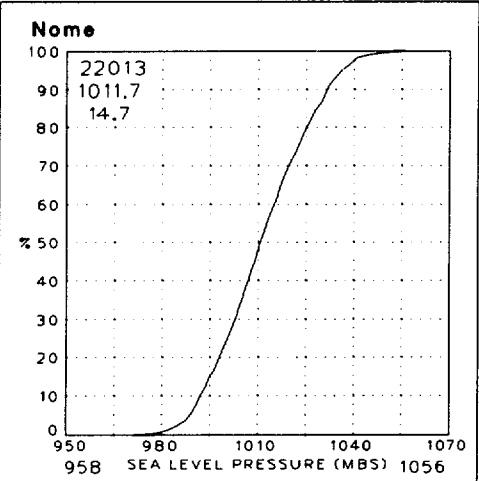
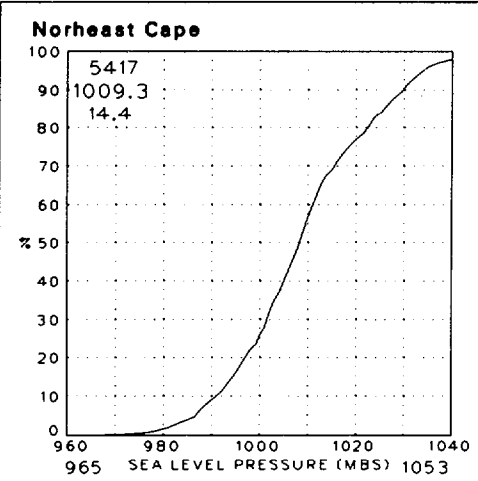
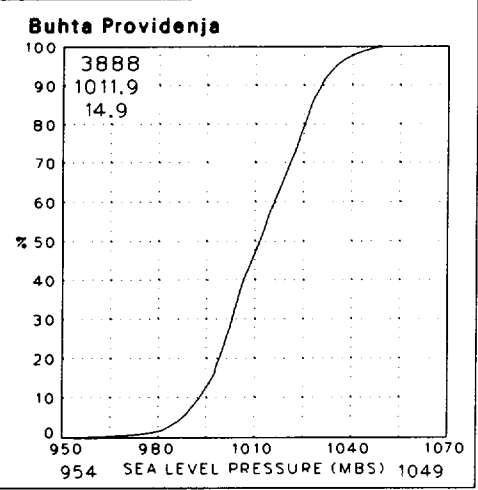
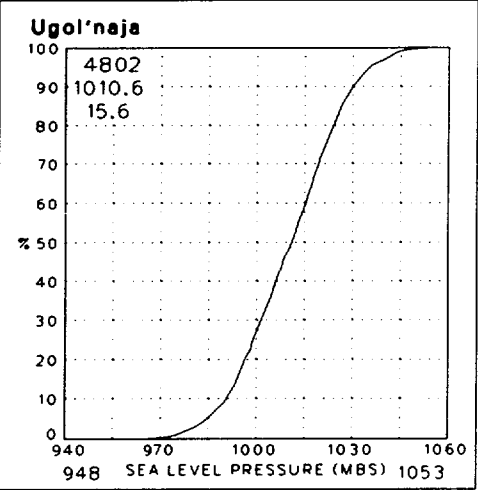
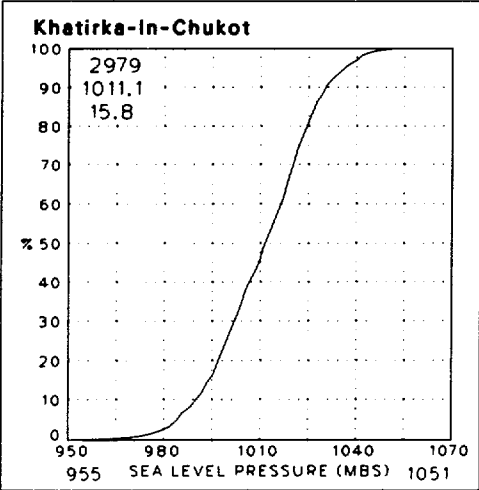
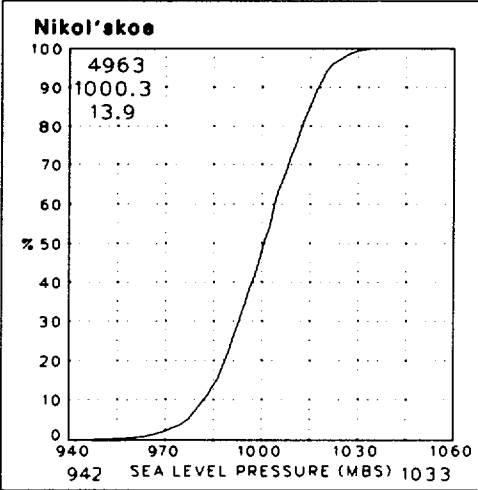
Albers Equal-Area Conic Projection

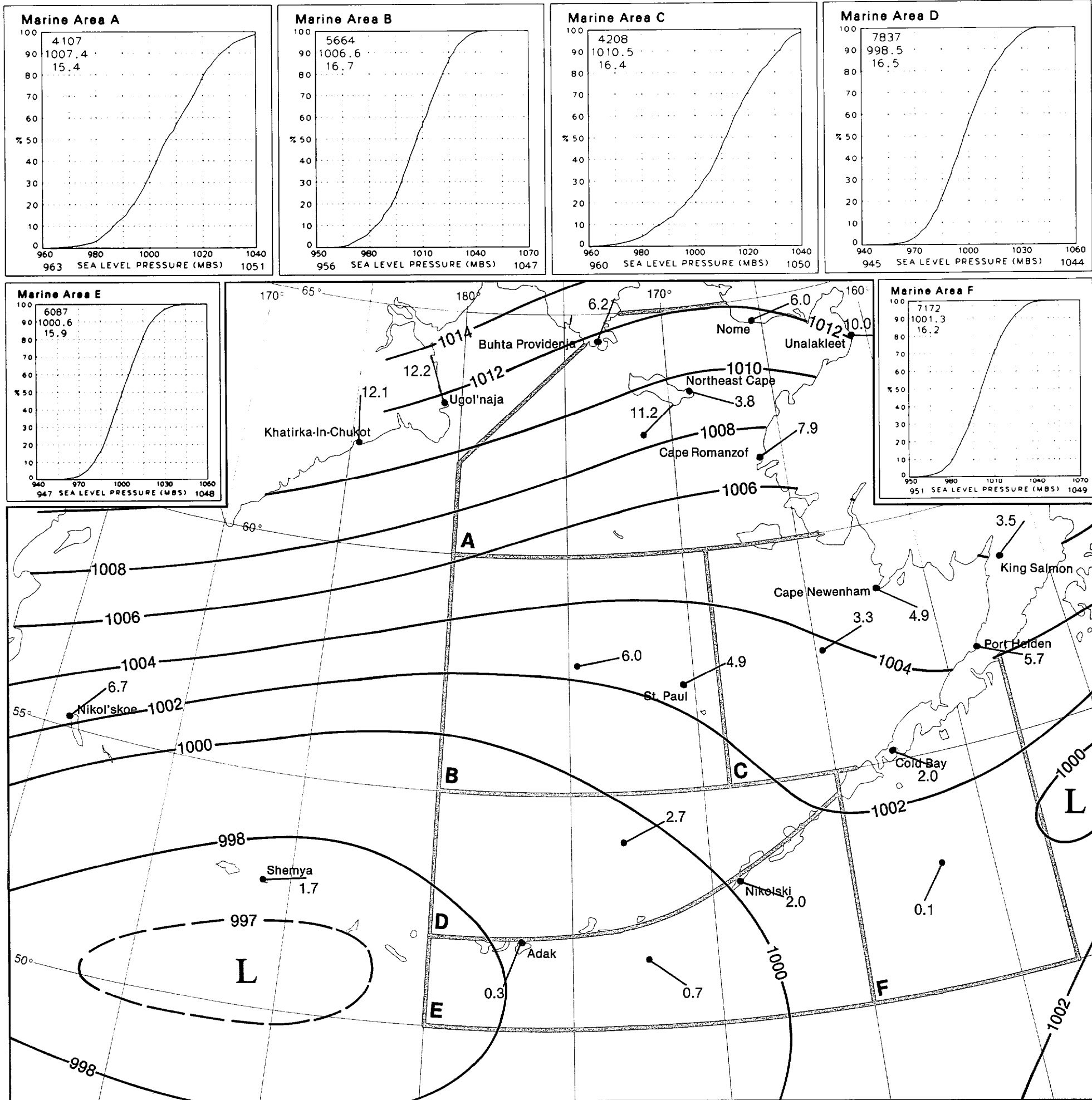
Graphs: Sea level pressure



Sea level pressure is one of the most frequently recorded elements, but one of the least accurate because of instrument calibration and coding errors. Despite the inaccuracies of the individual readings, the large-scale patterns and mean gradients of the isopleth analyses are relatively accurate. The percentage of sea level pressure observations greater than a given value can be obtained from the graph by subtracting the cumulative percent frequency of that value from 100%.

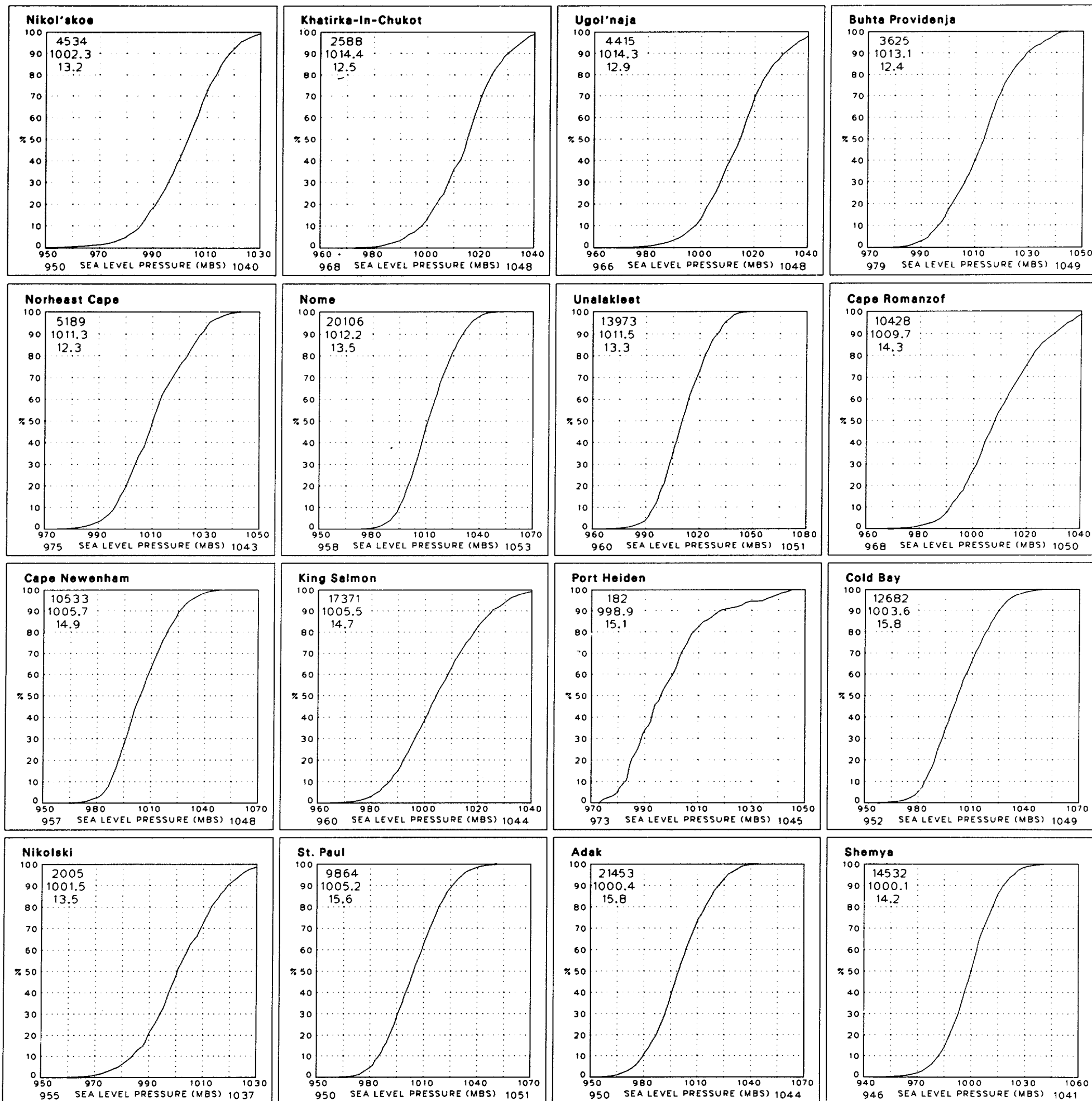
In areas of high persistence (also called constancy, steadiness) of direction, the magnitude of the vector mean wind (Set 10) should closely approach that of the scalar mean wind (Set 13).





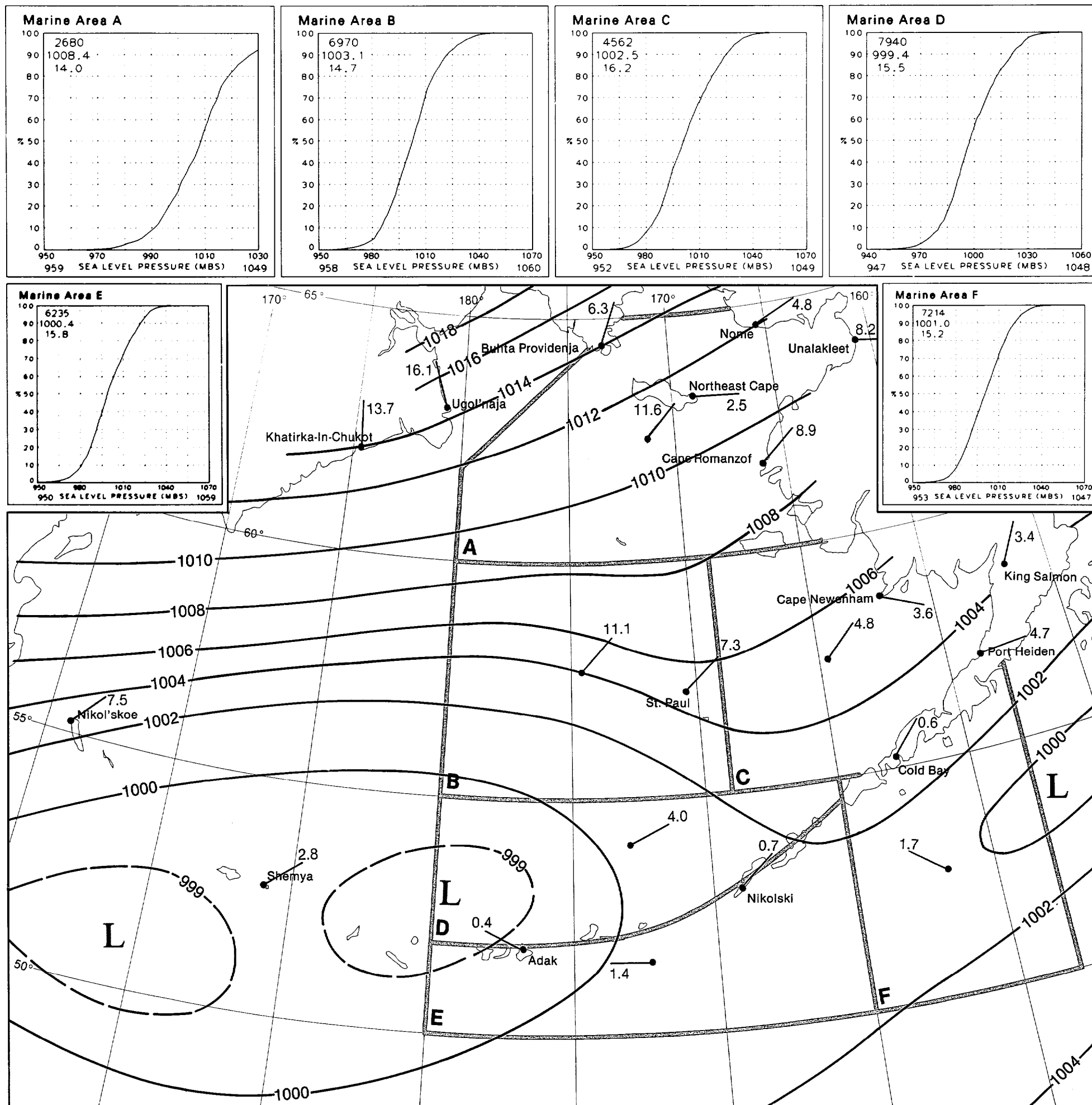
10 Mean Sea Level Pressure and Vector Mean Wind

January



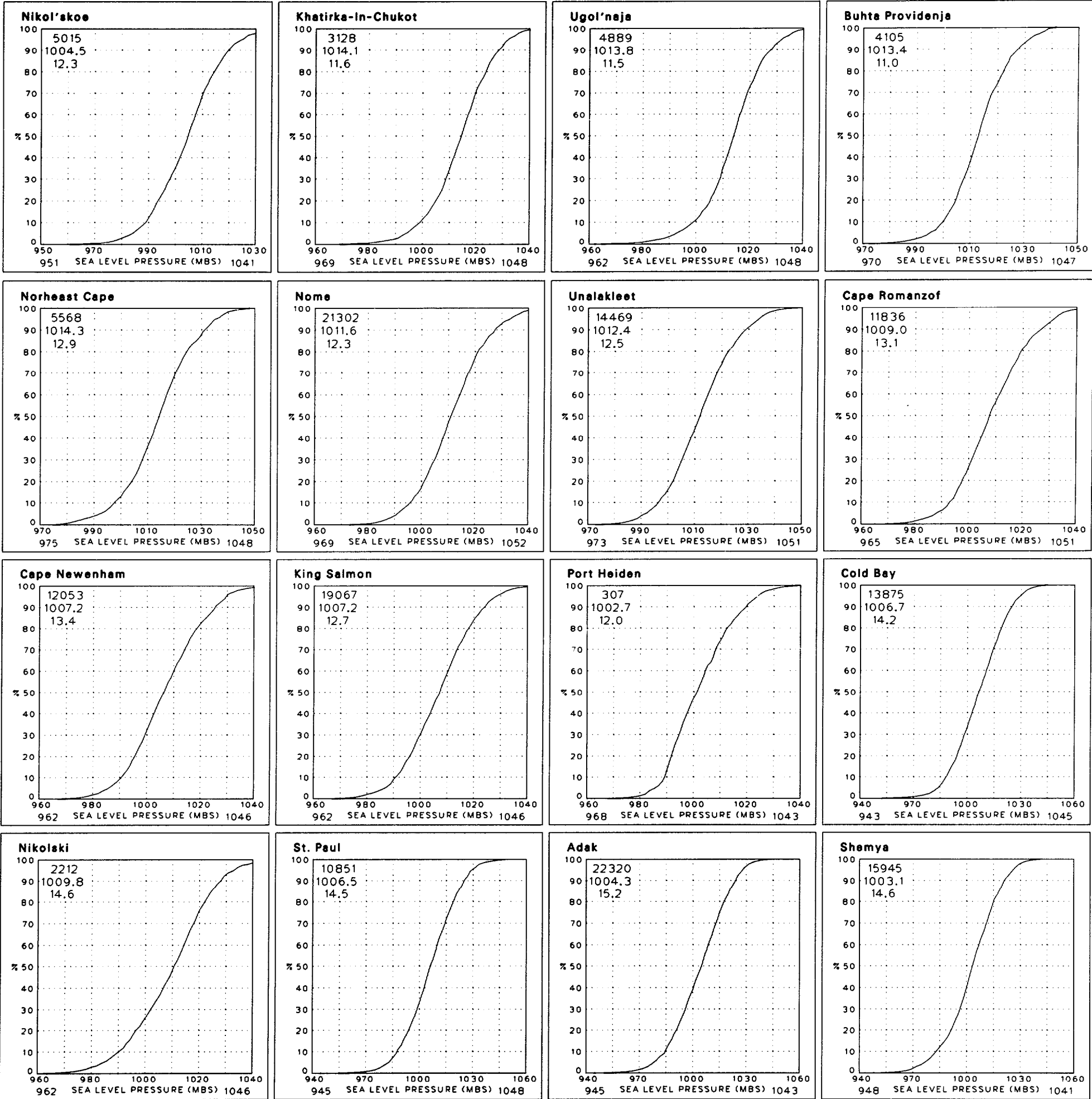
February

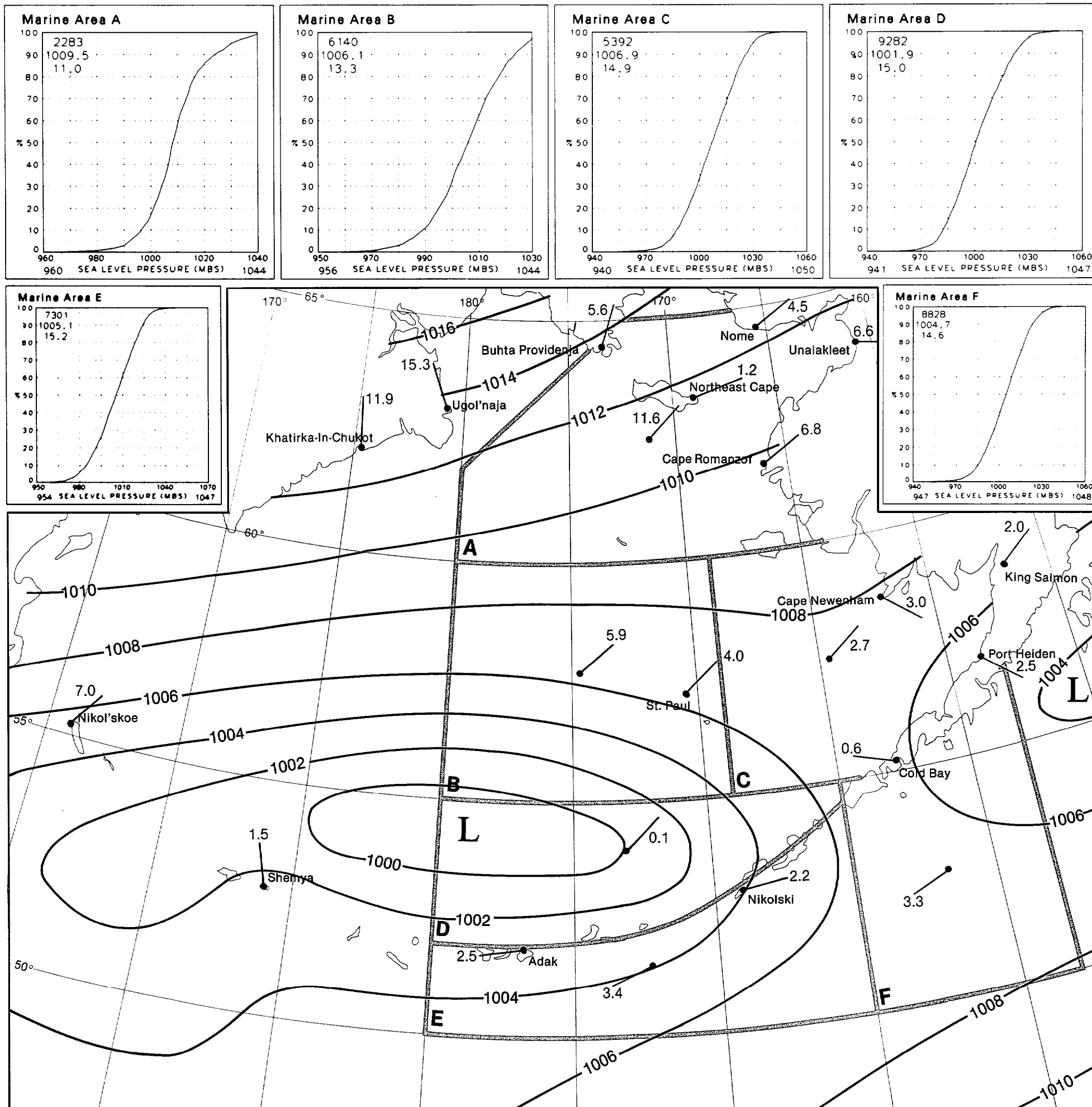
10 Sea Level Pressure



10 Mean Sea Level Pressure and Vector Mean Wind

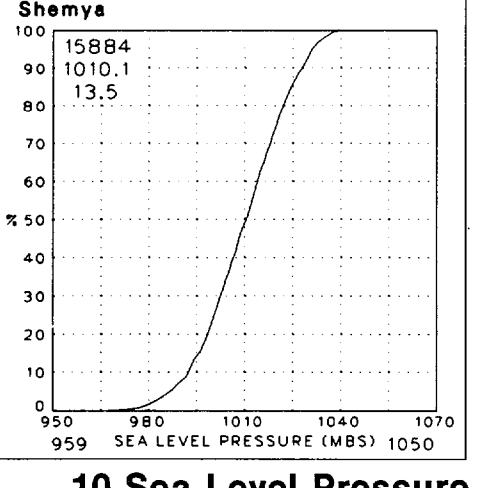
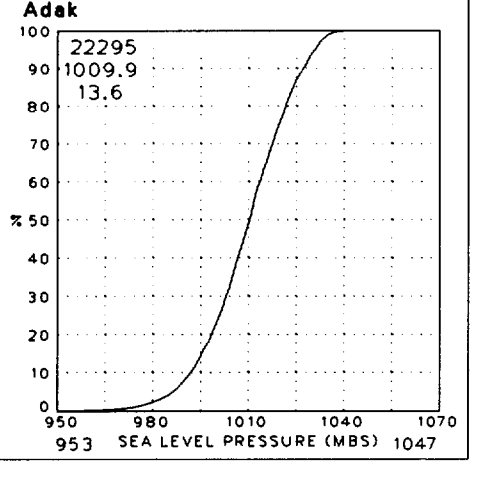
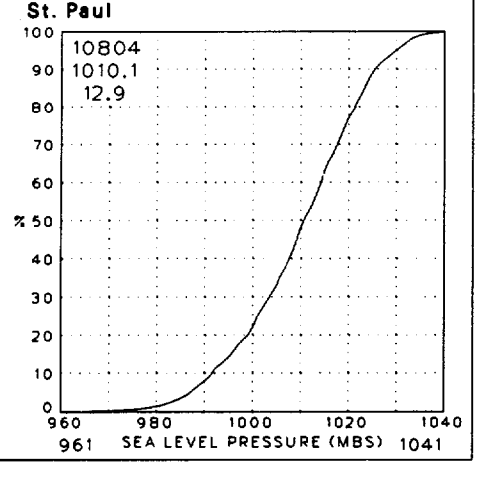
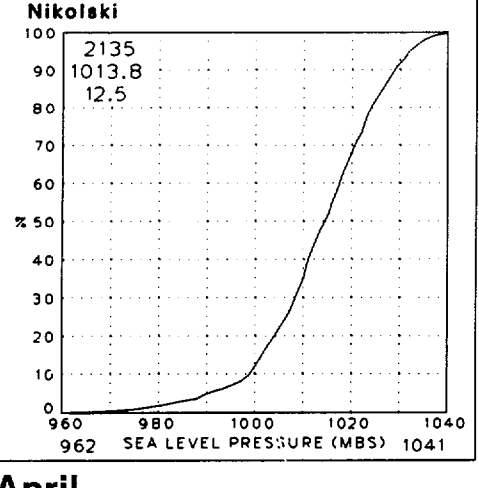
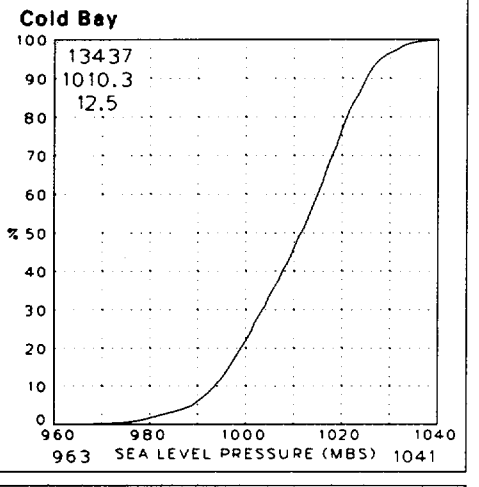
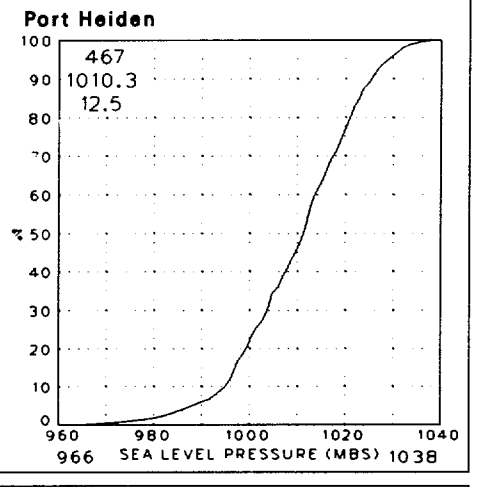
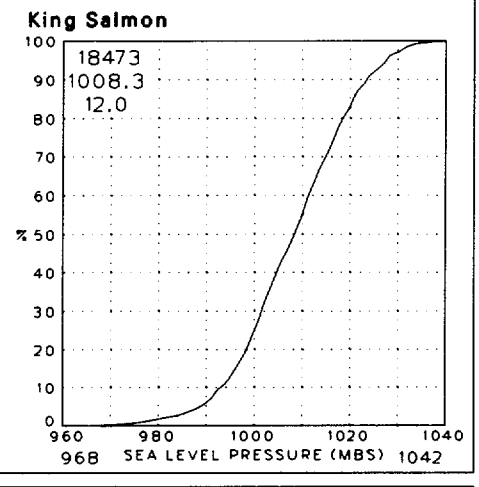
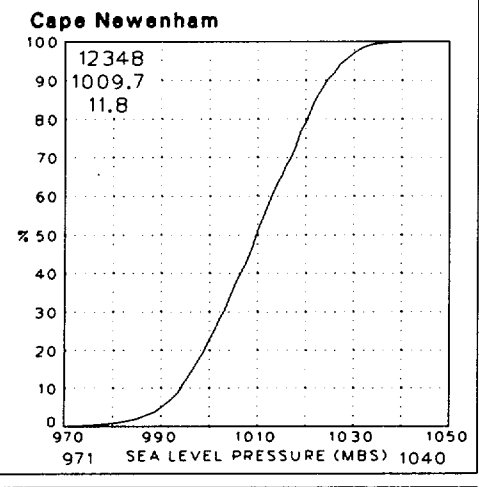
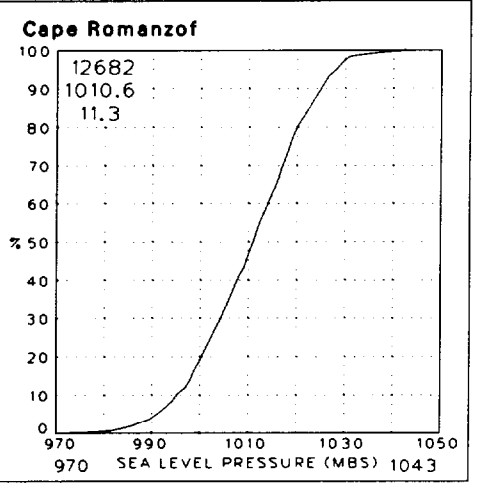
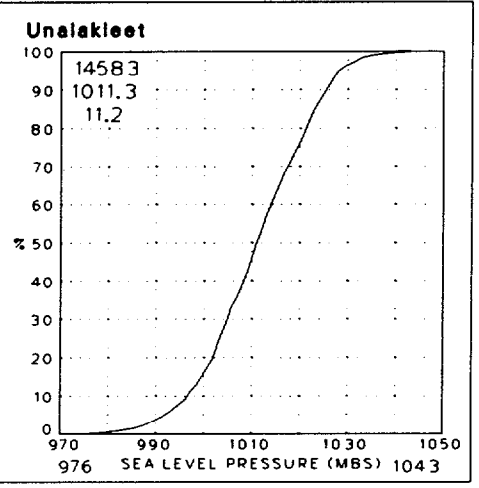
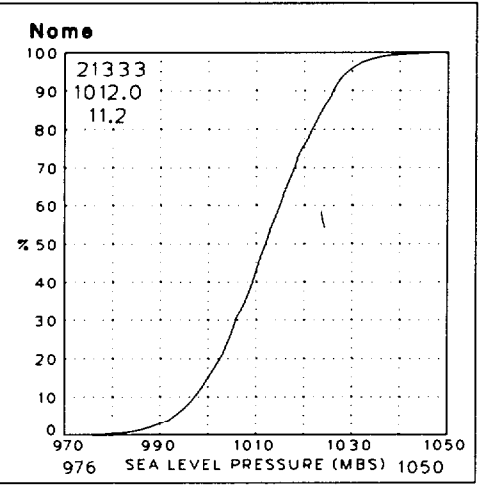
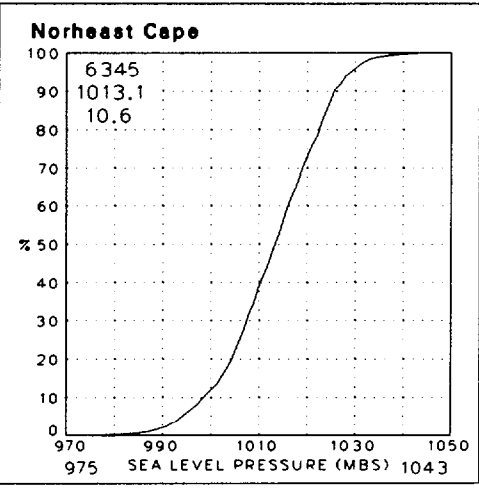
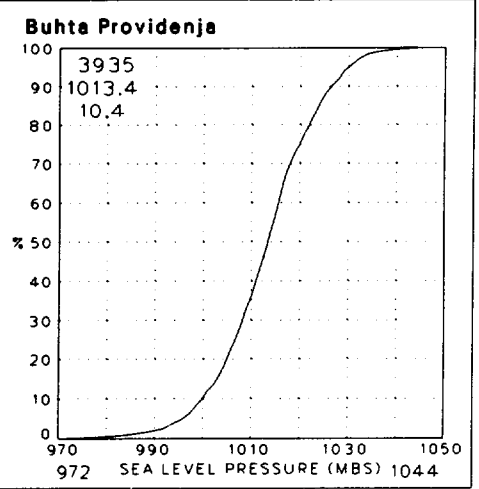
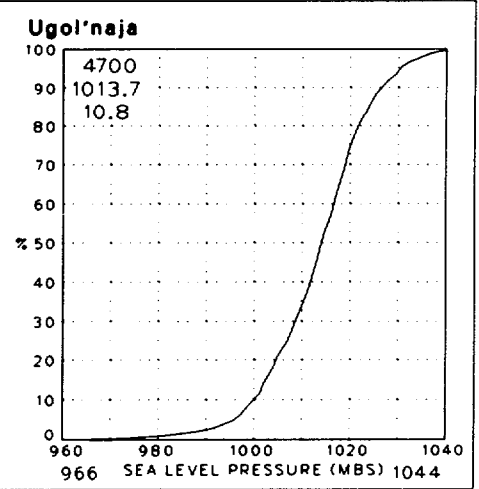
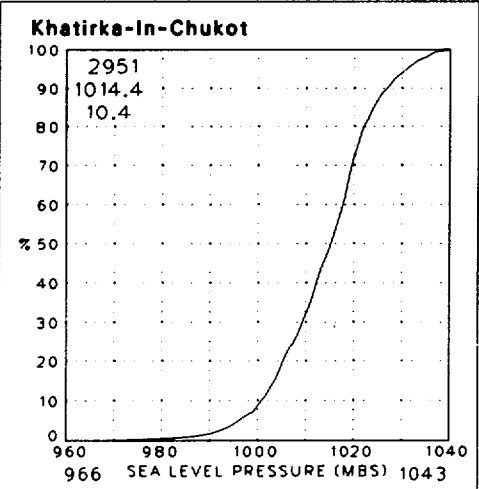
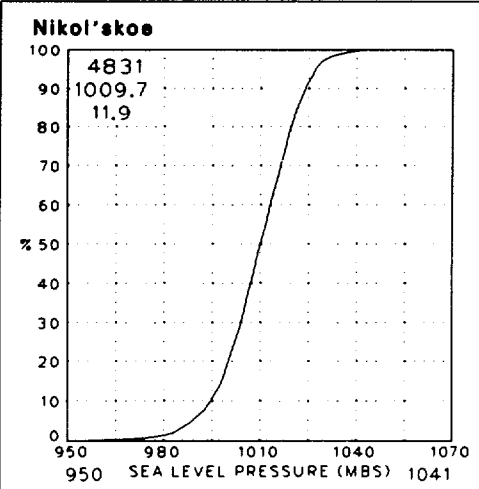
February

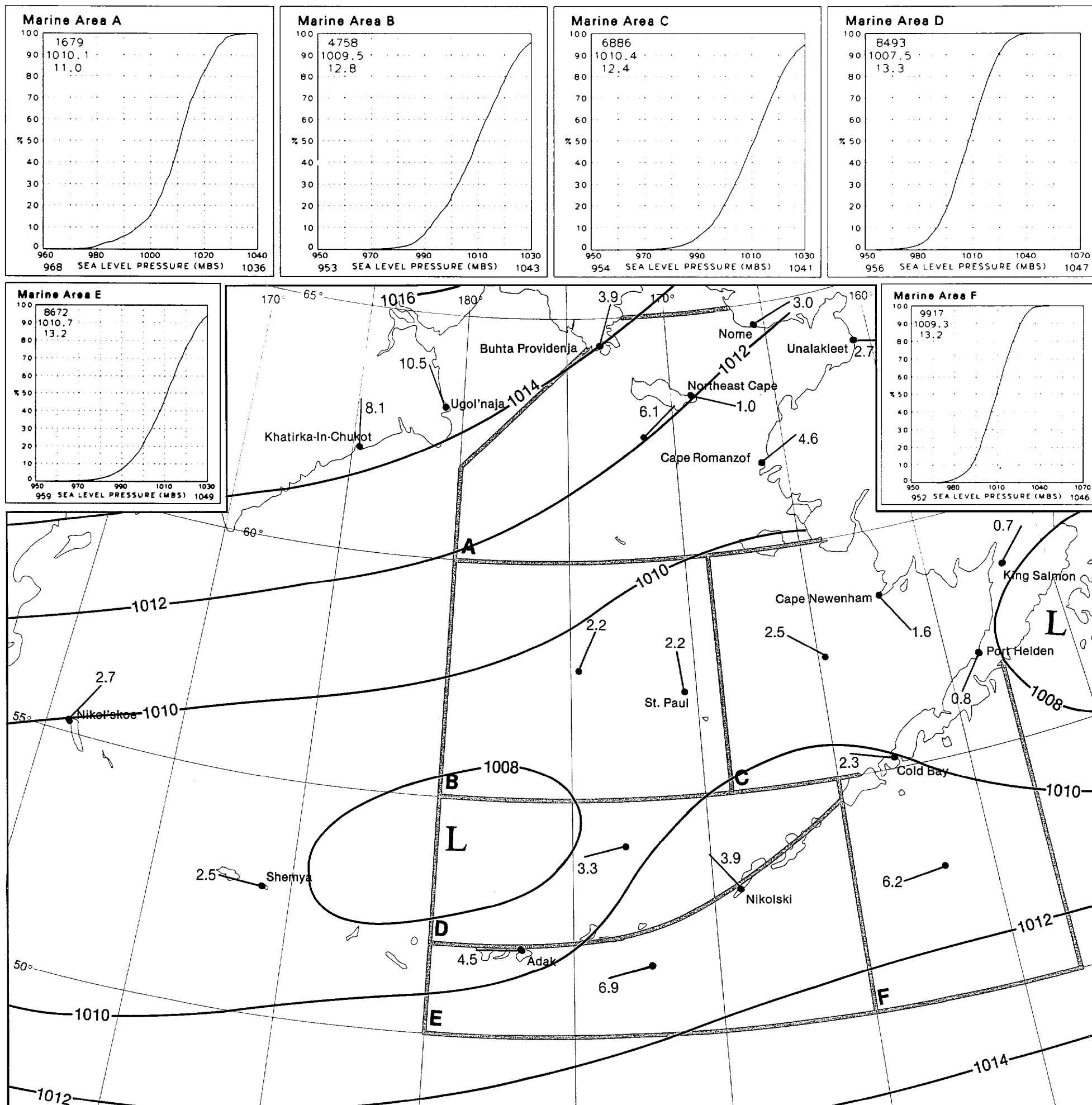




10 Mean Sea Level Pressure and Vector Mean Wind

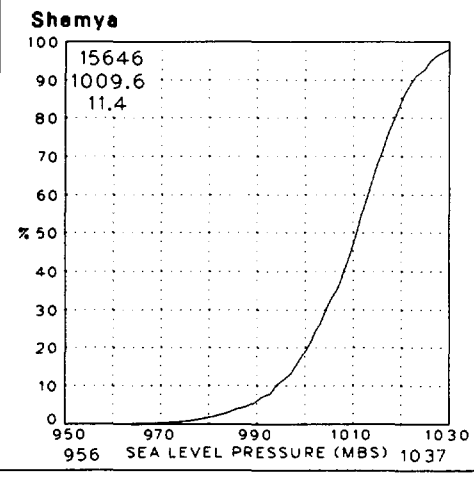
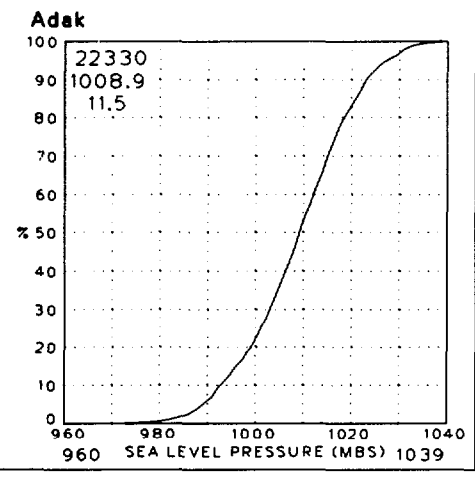
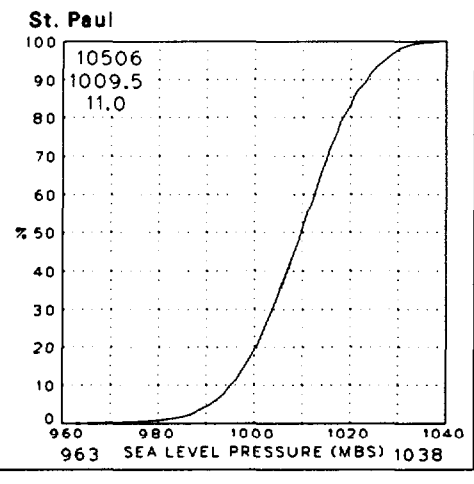
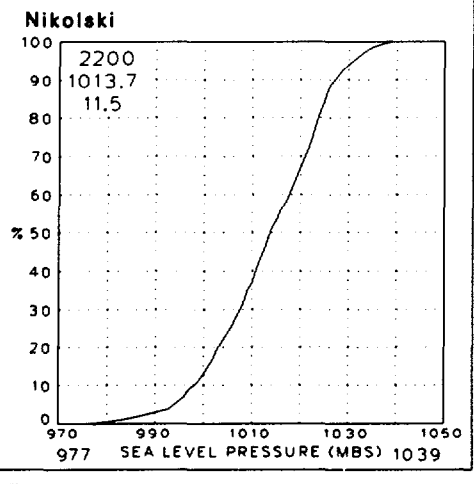
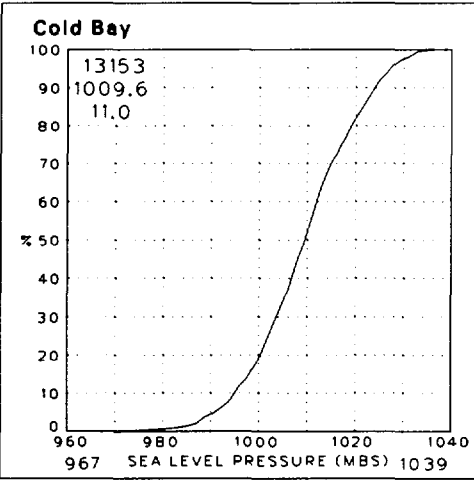
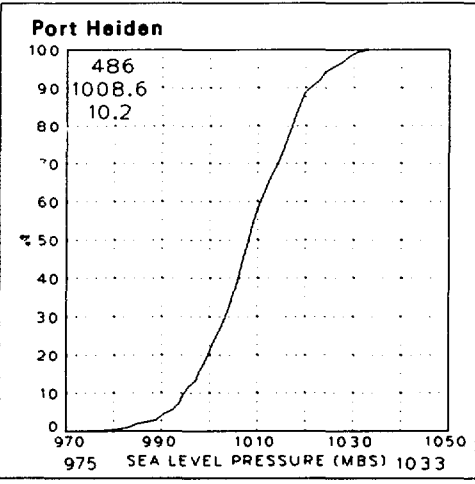
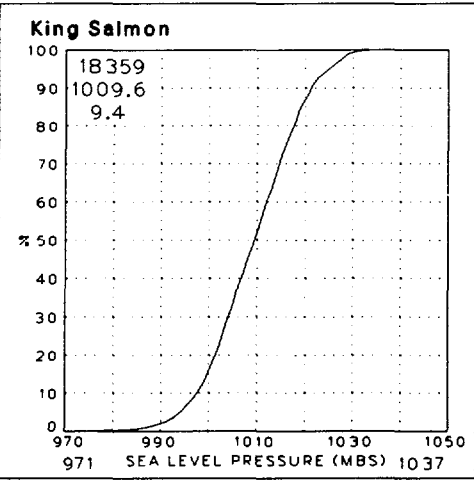
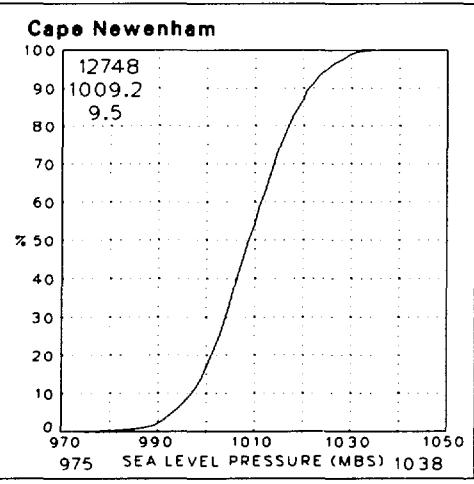
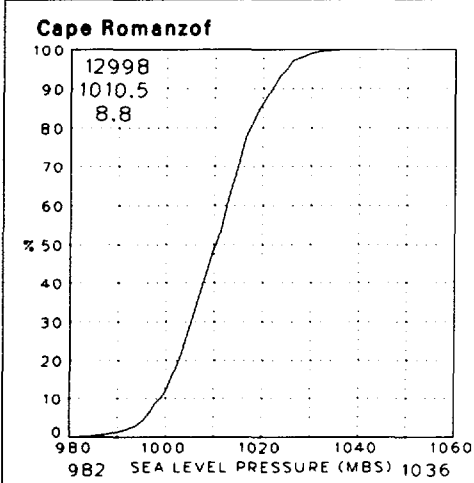
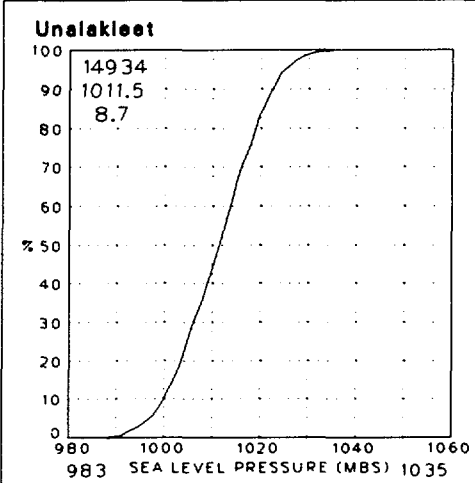
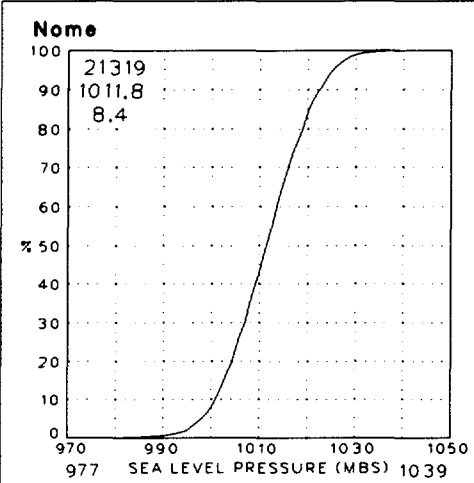
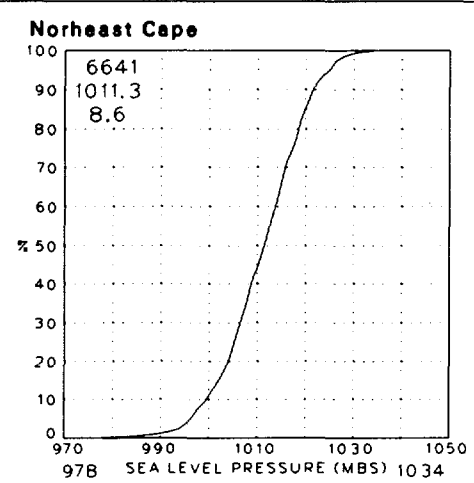
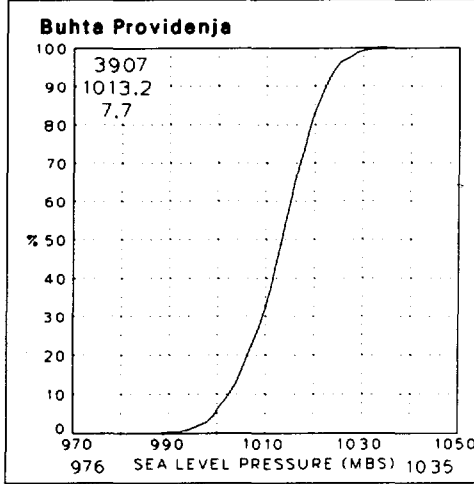
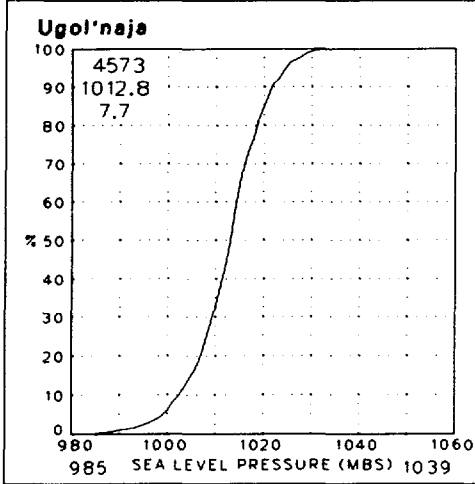
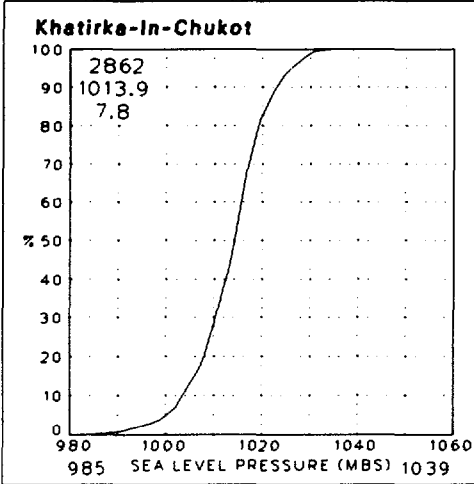
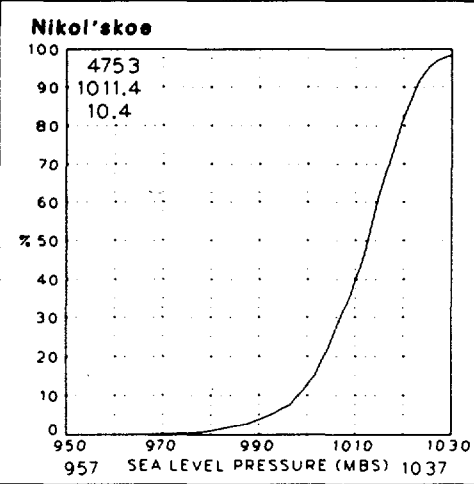
March

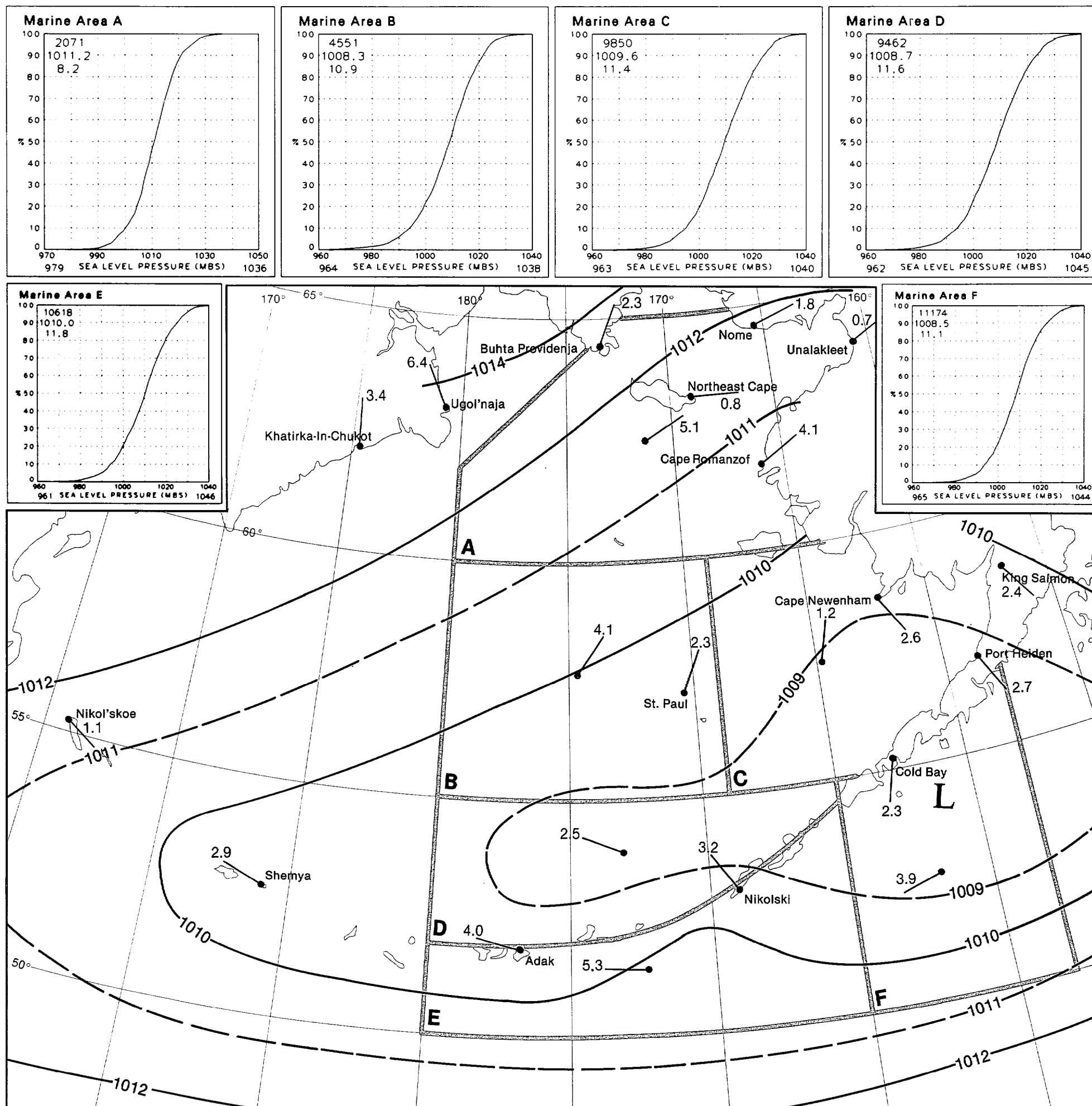




10 Mean Sea Level Pressure and Vector Mean Wind

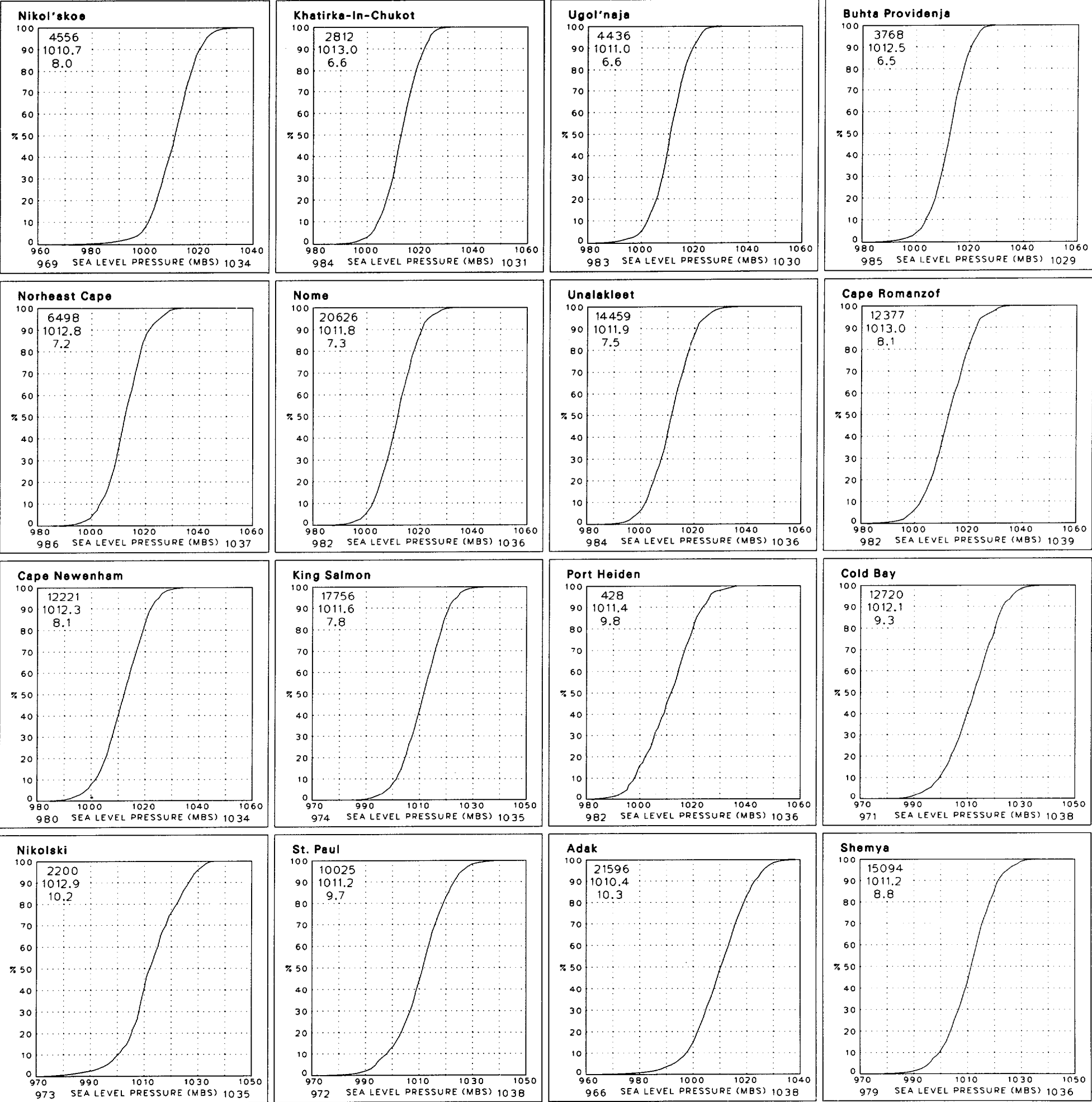
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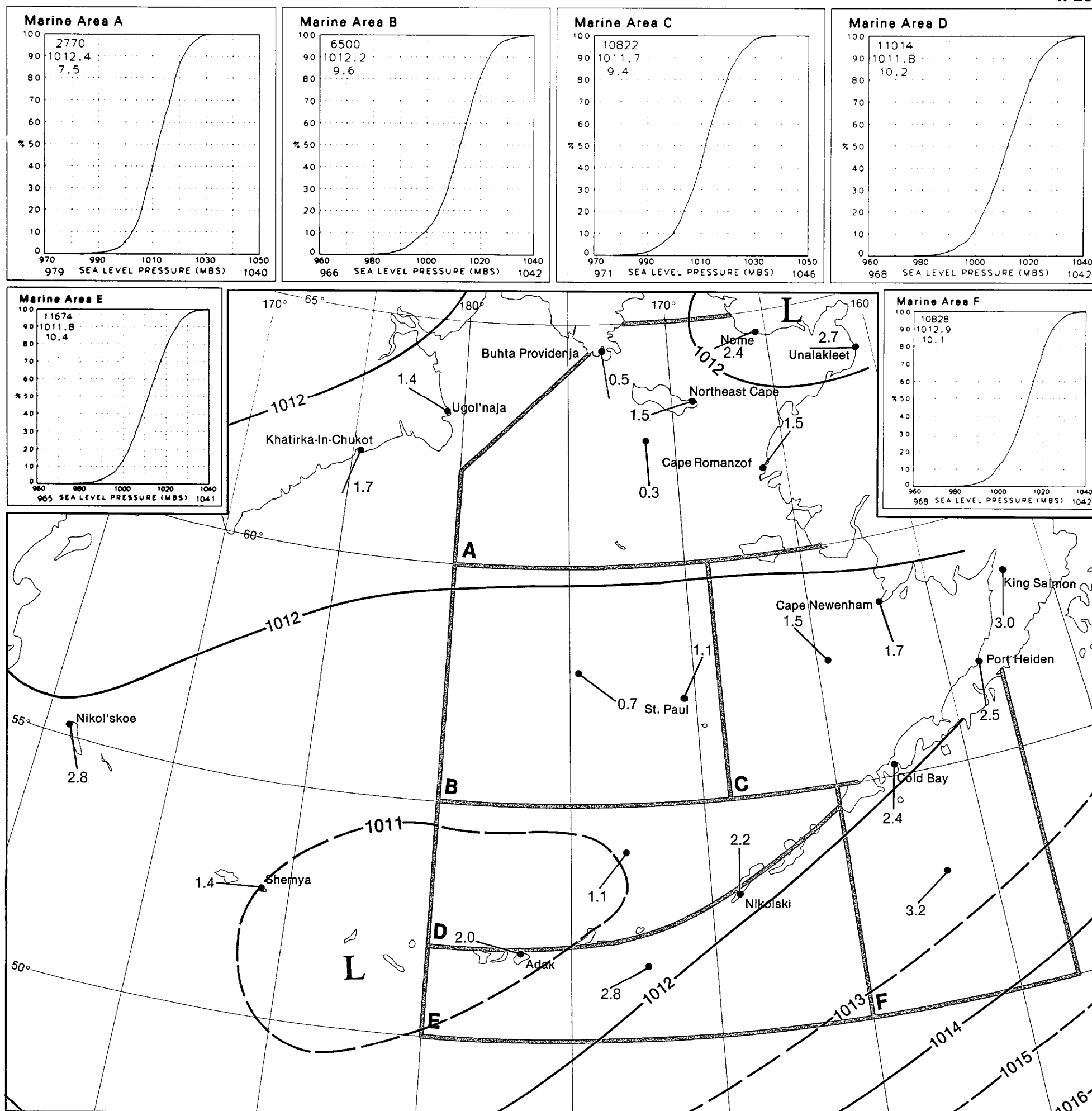




10 Mean Sea Level Pressure and Vector Mean Wind

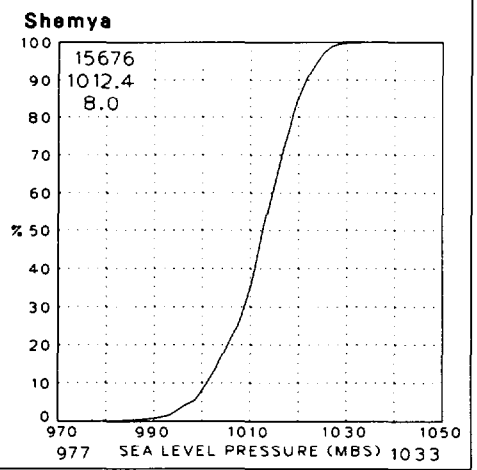
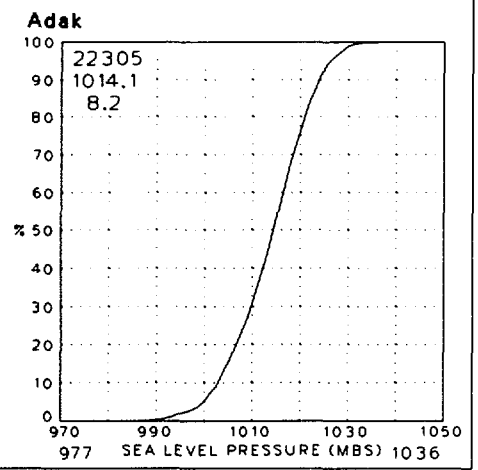
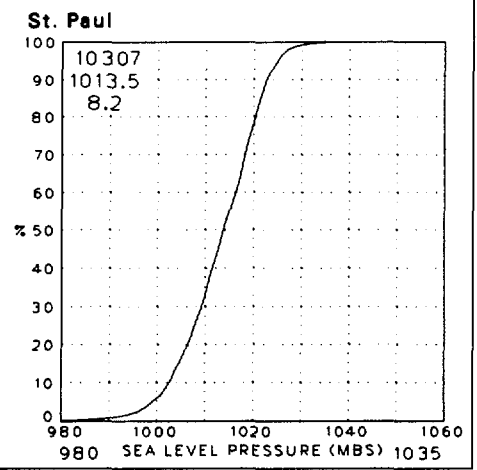
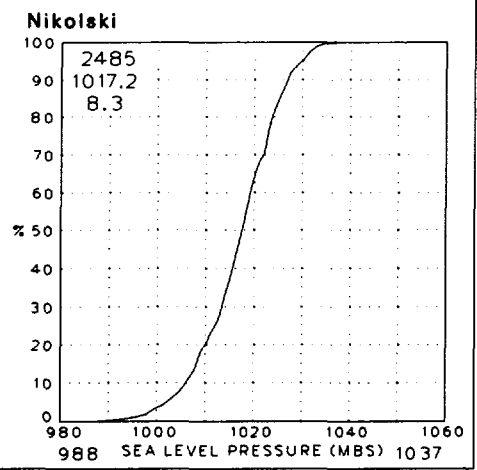
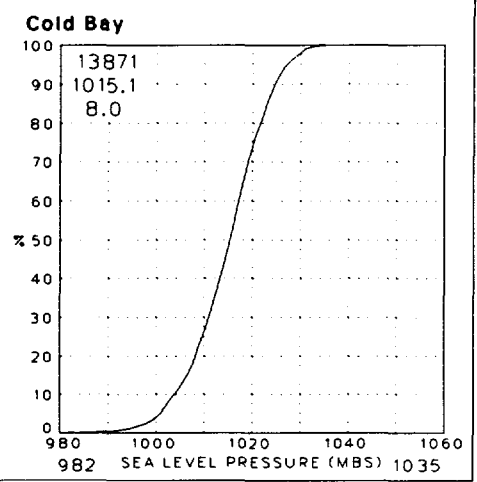
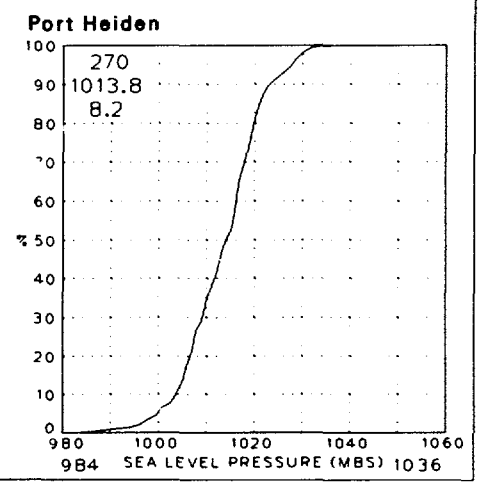
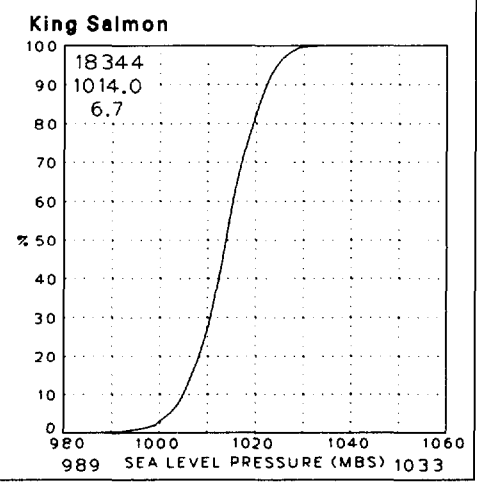
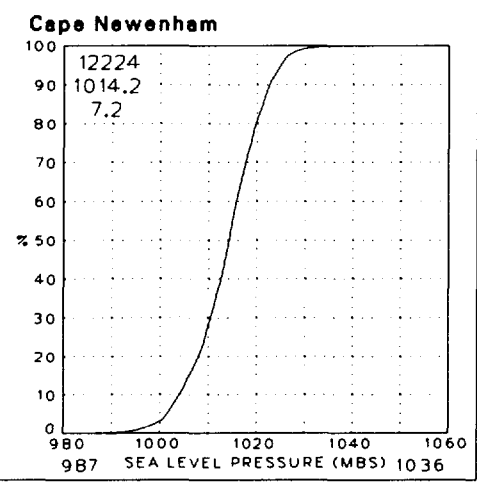
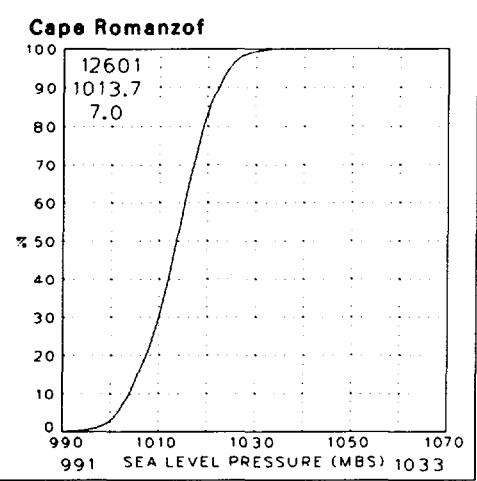
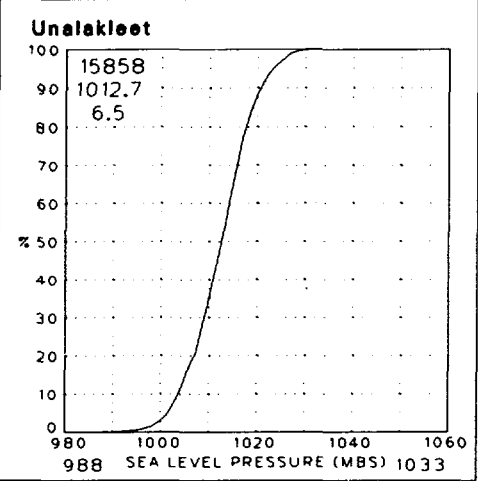
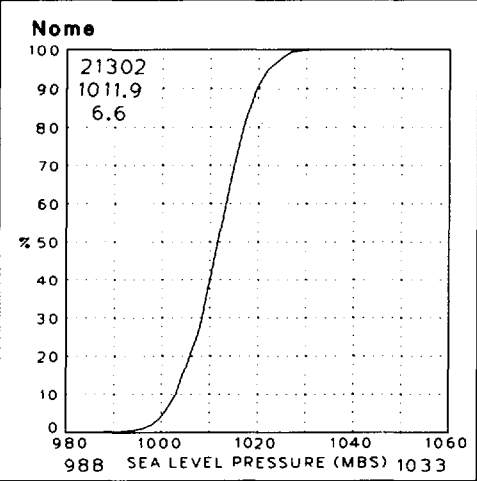
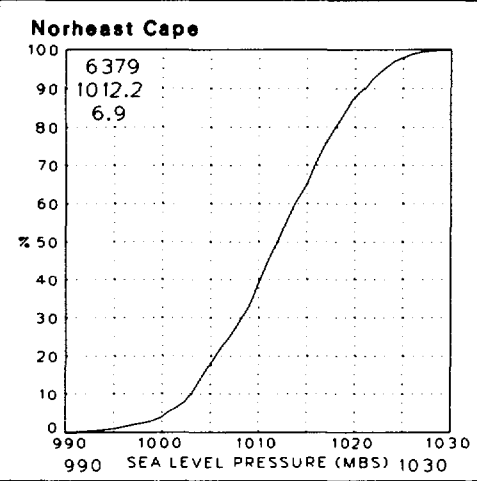
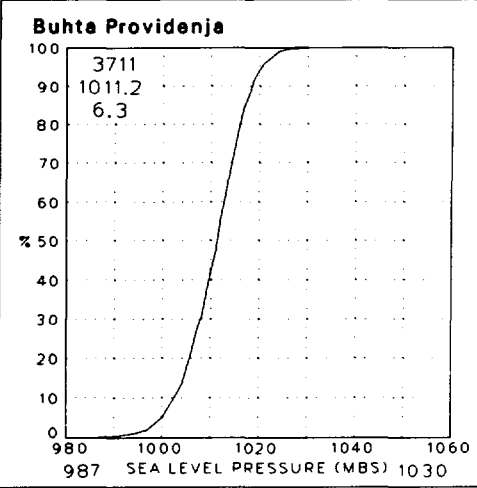
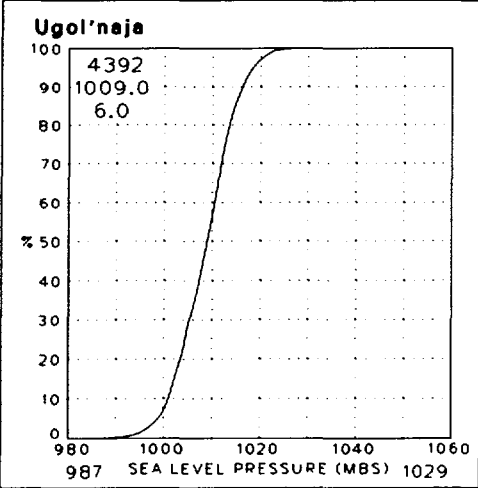
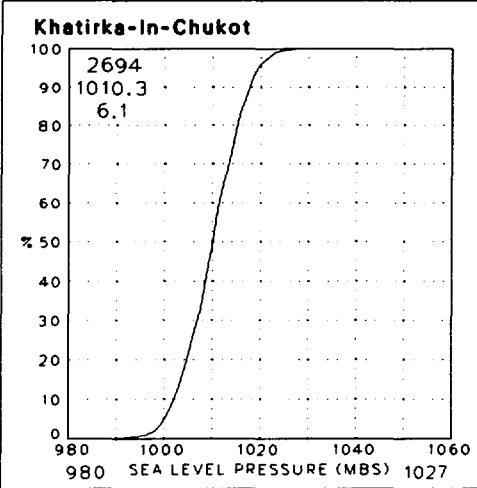
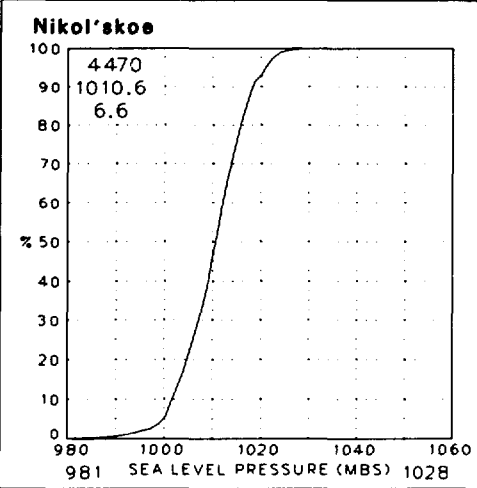
May

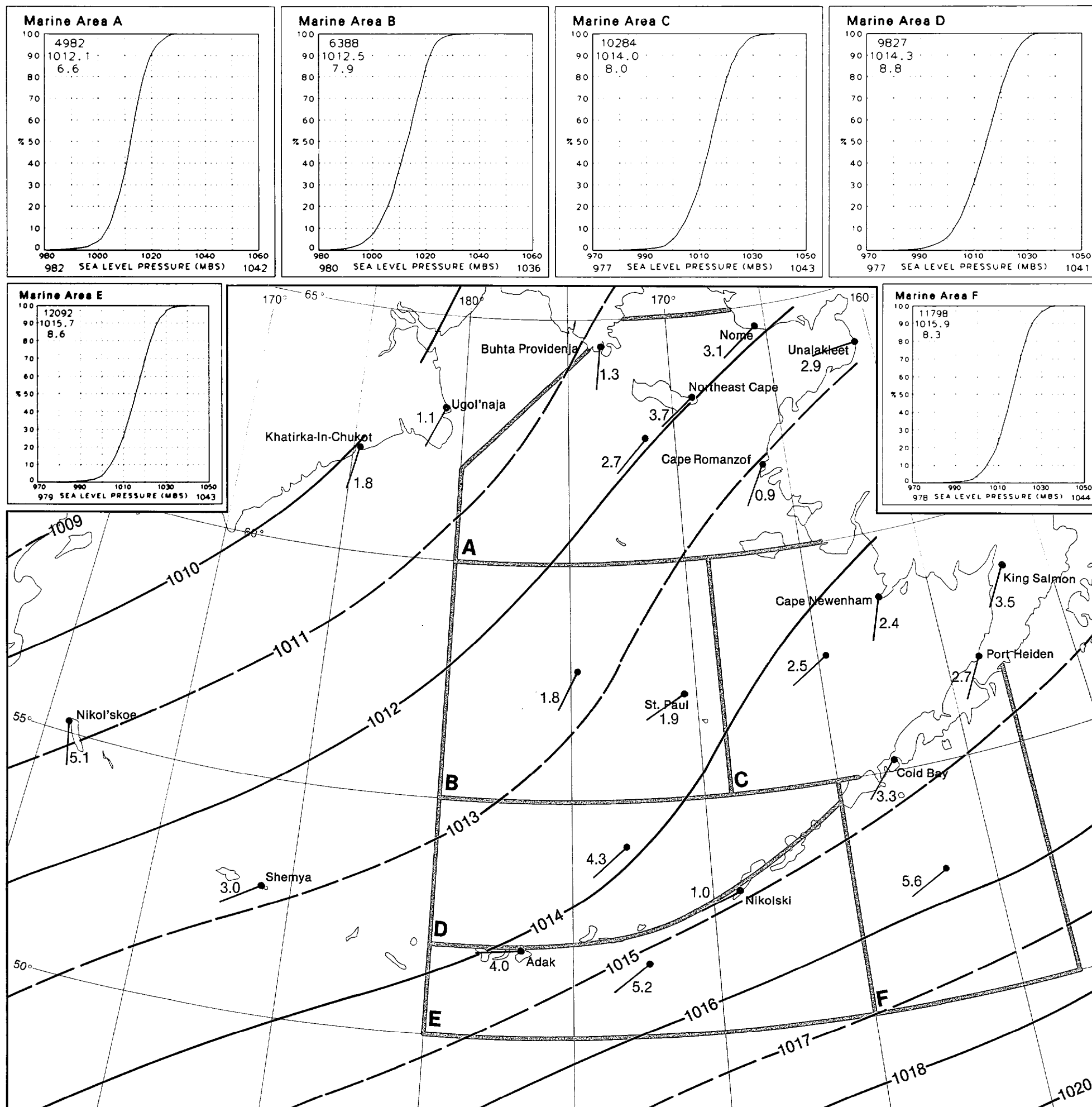


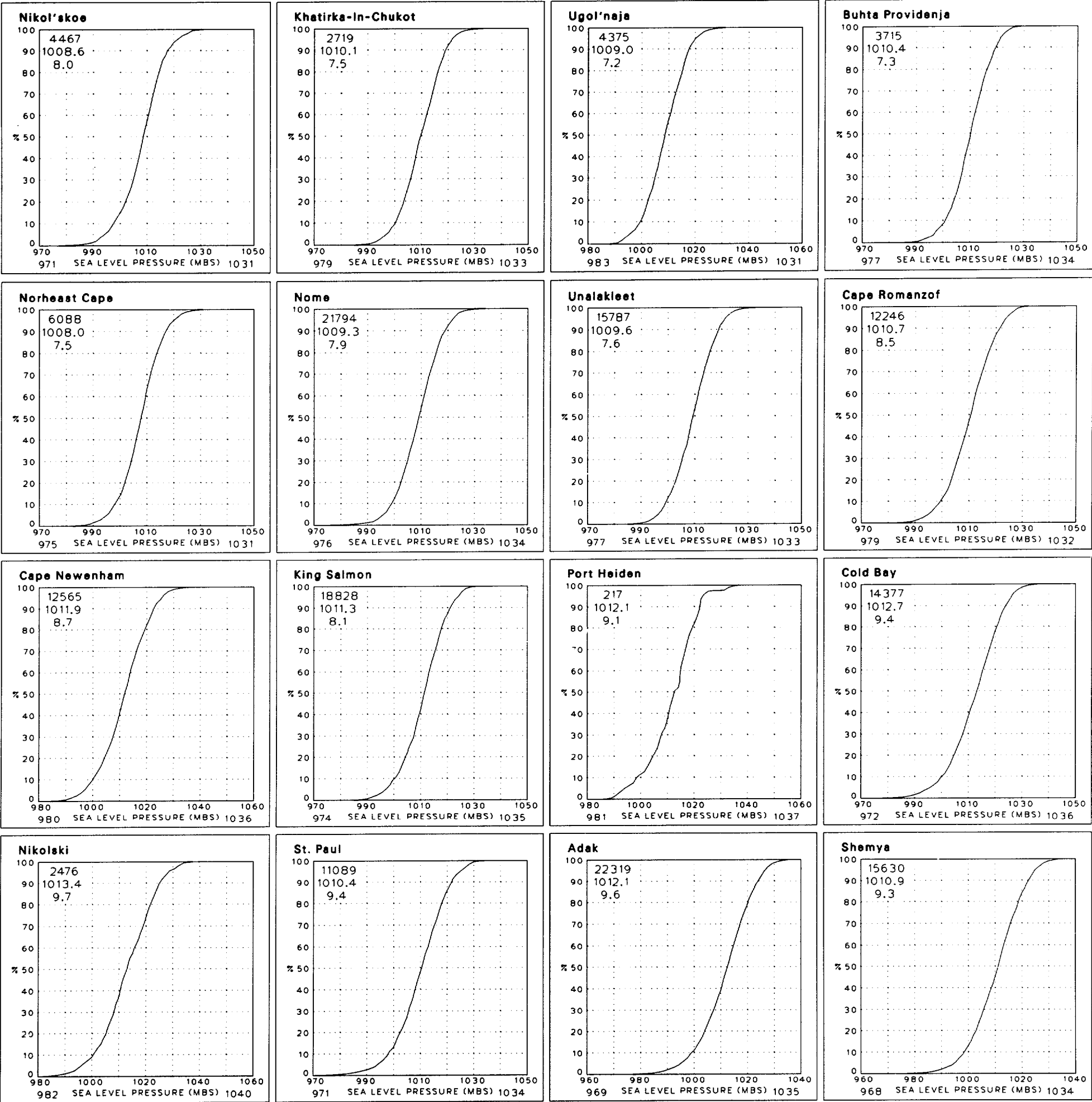


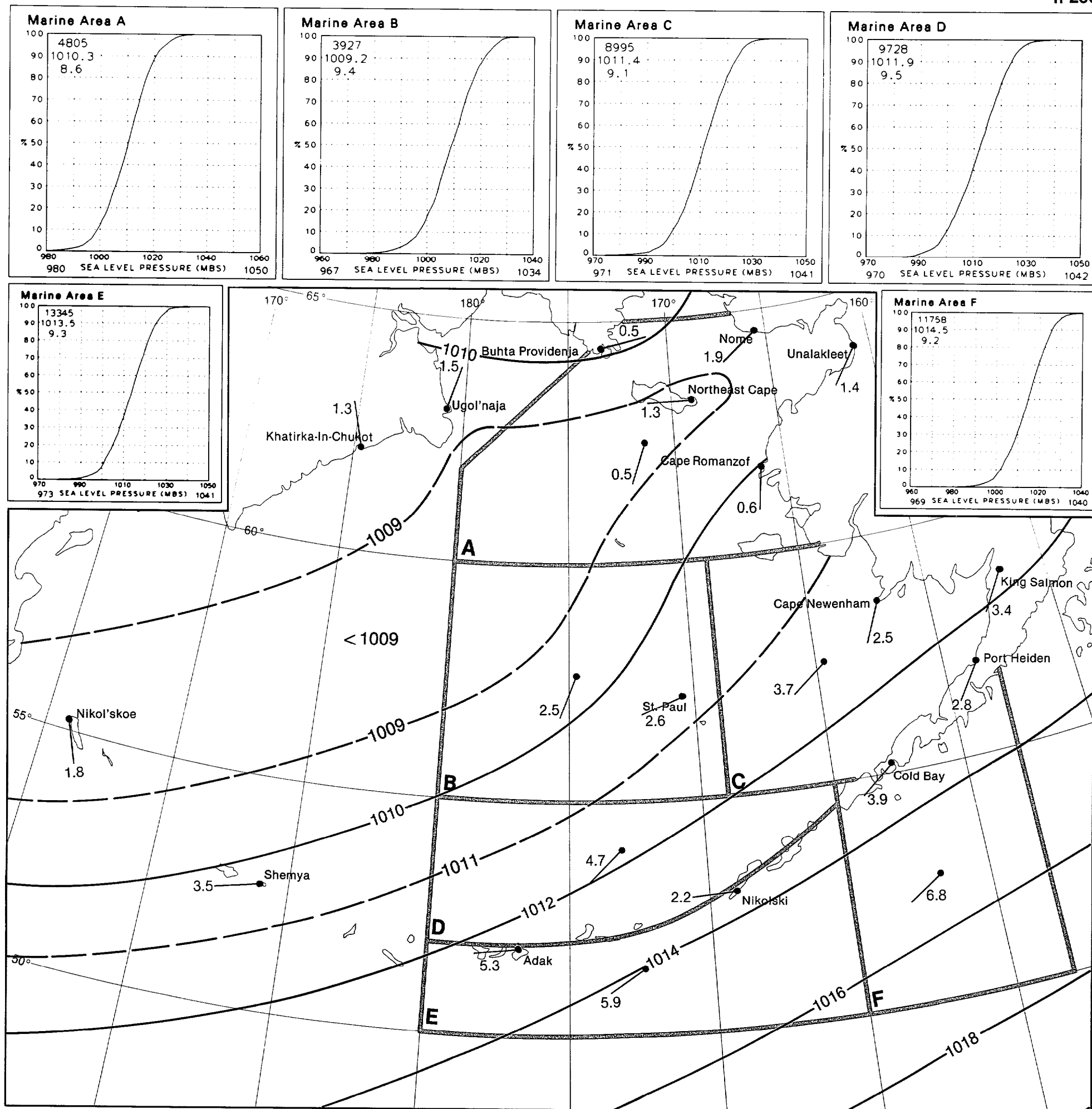
10 Mean Sea Level Pressure and Vector Mean Wind

June



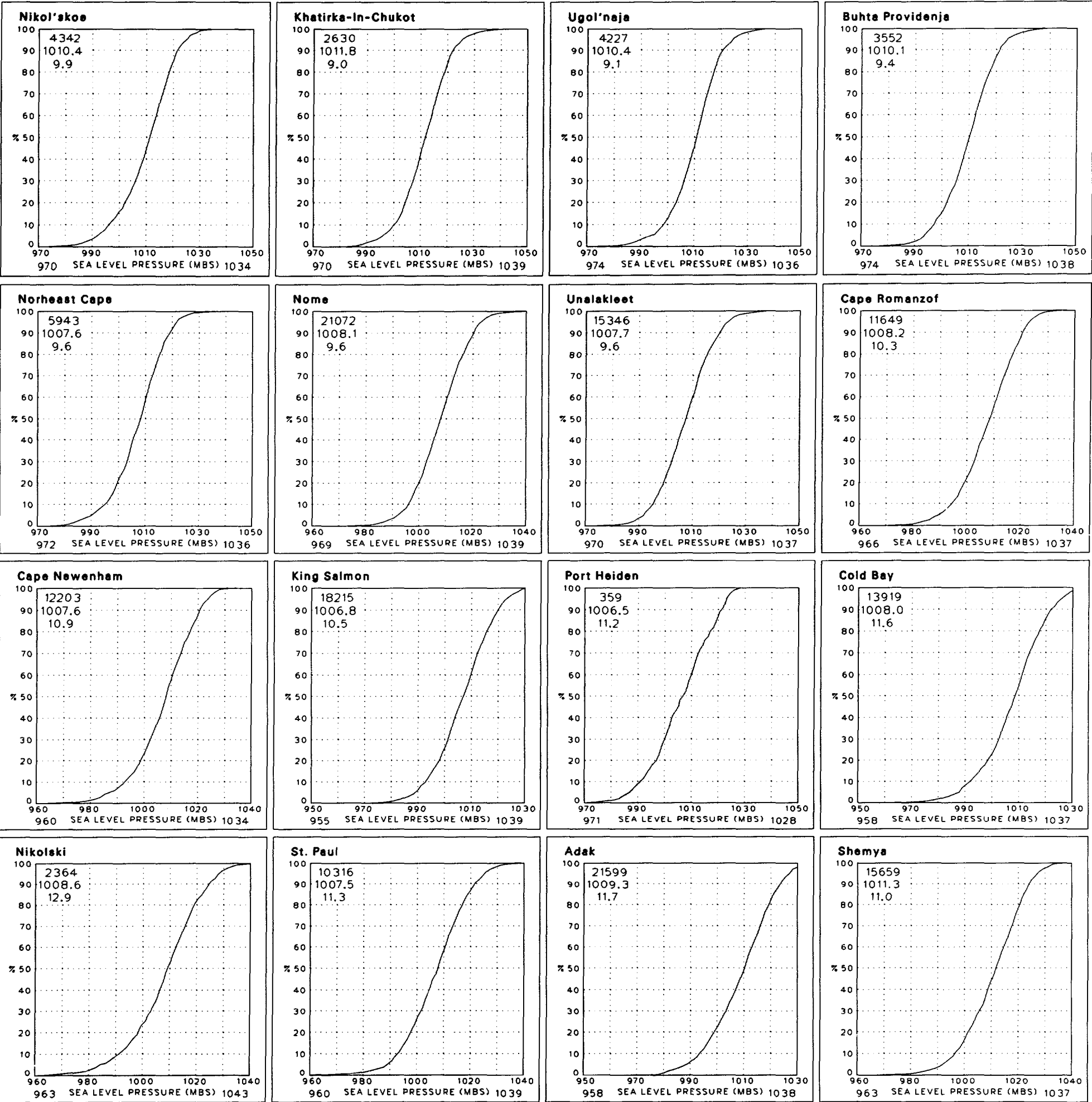


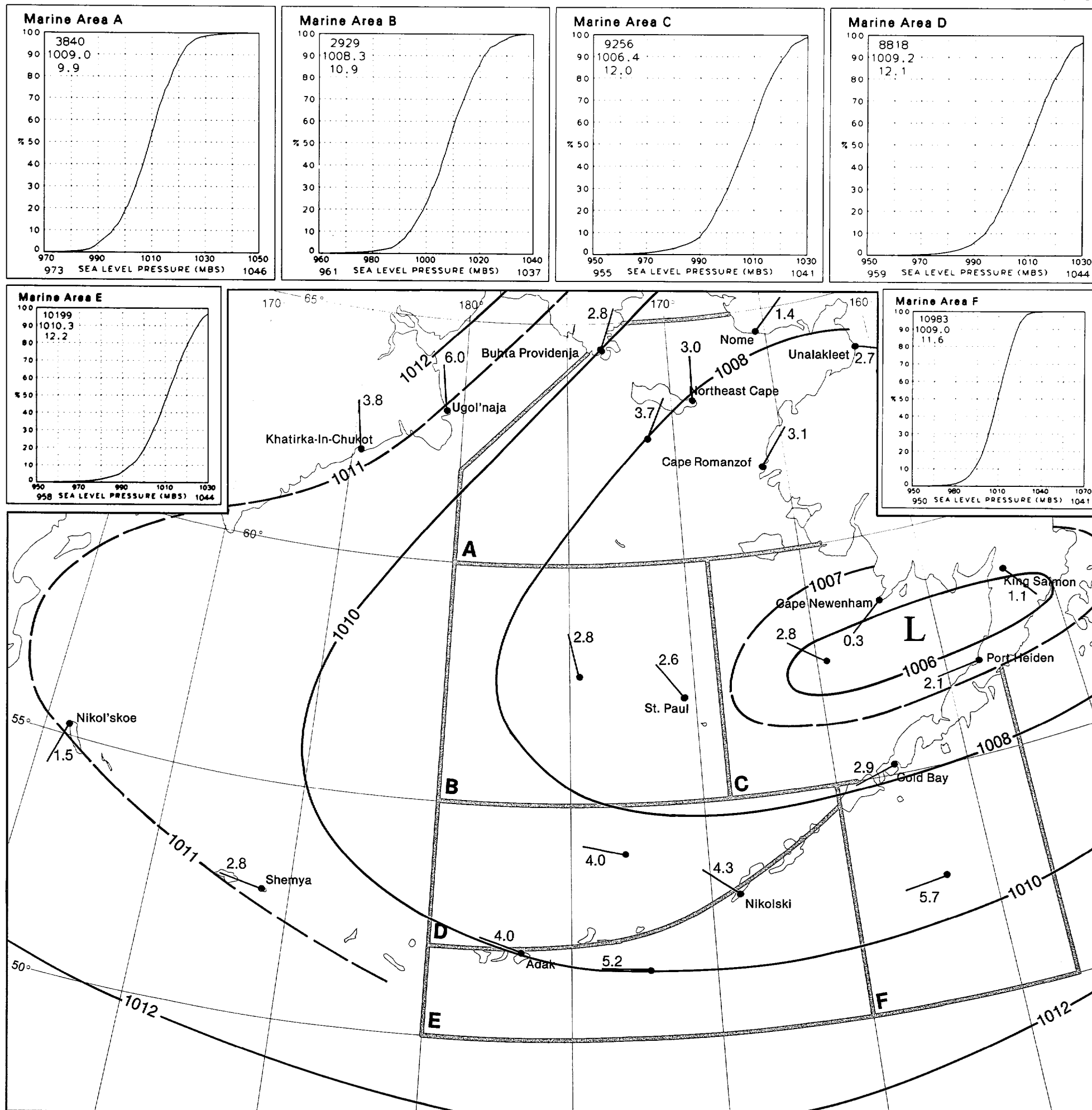




10 Mean Sea Level Pressure and Vector Mean Wind

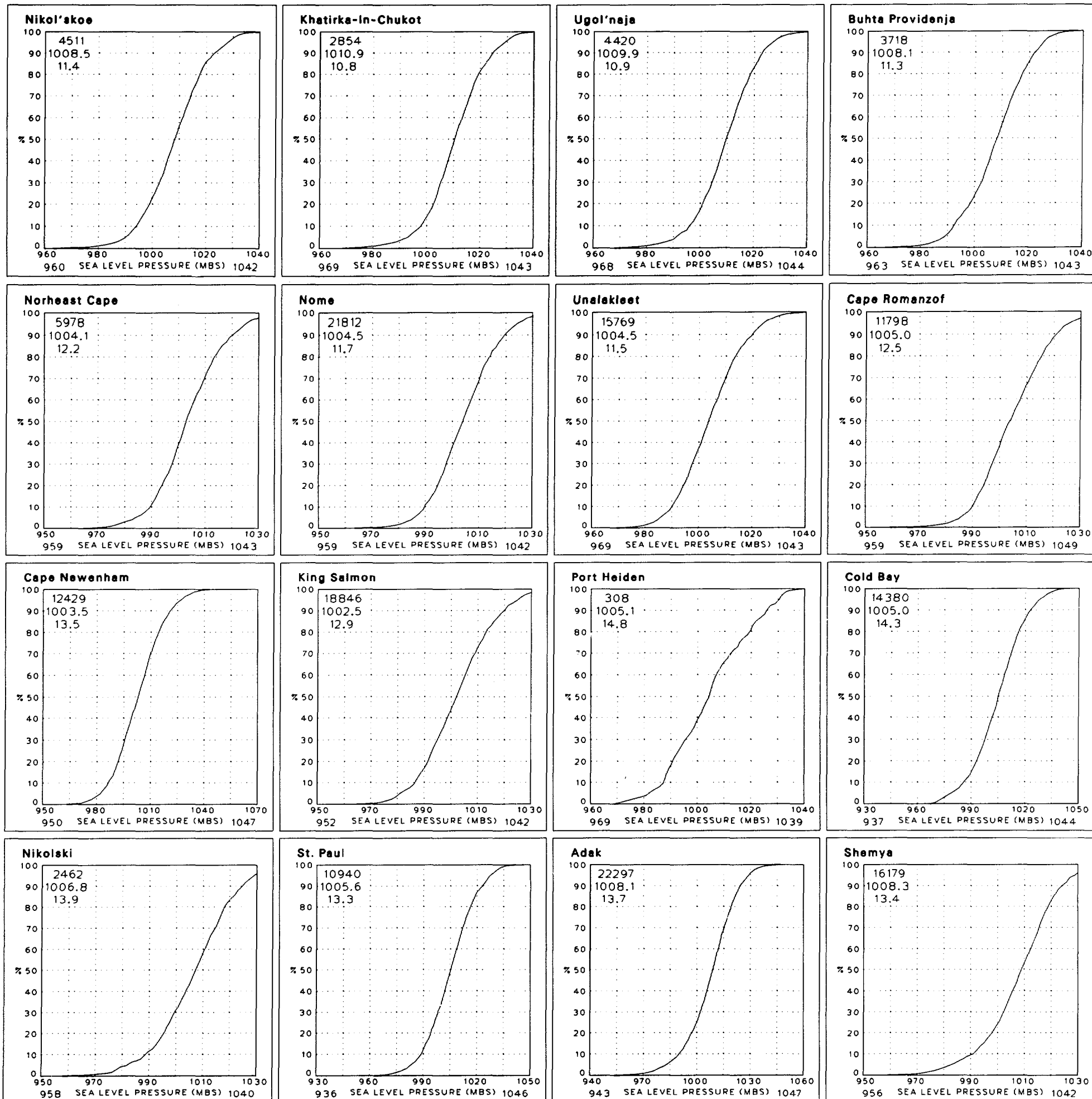
August

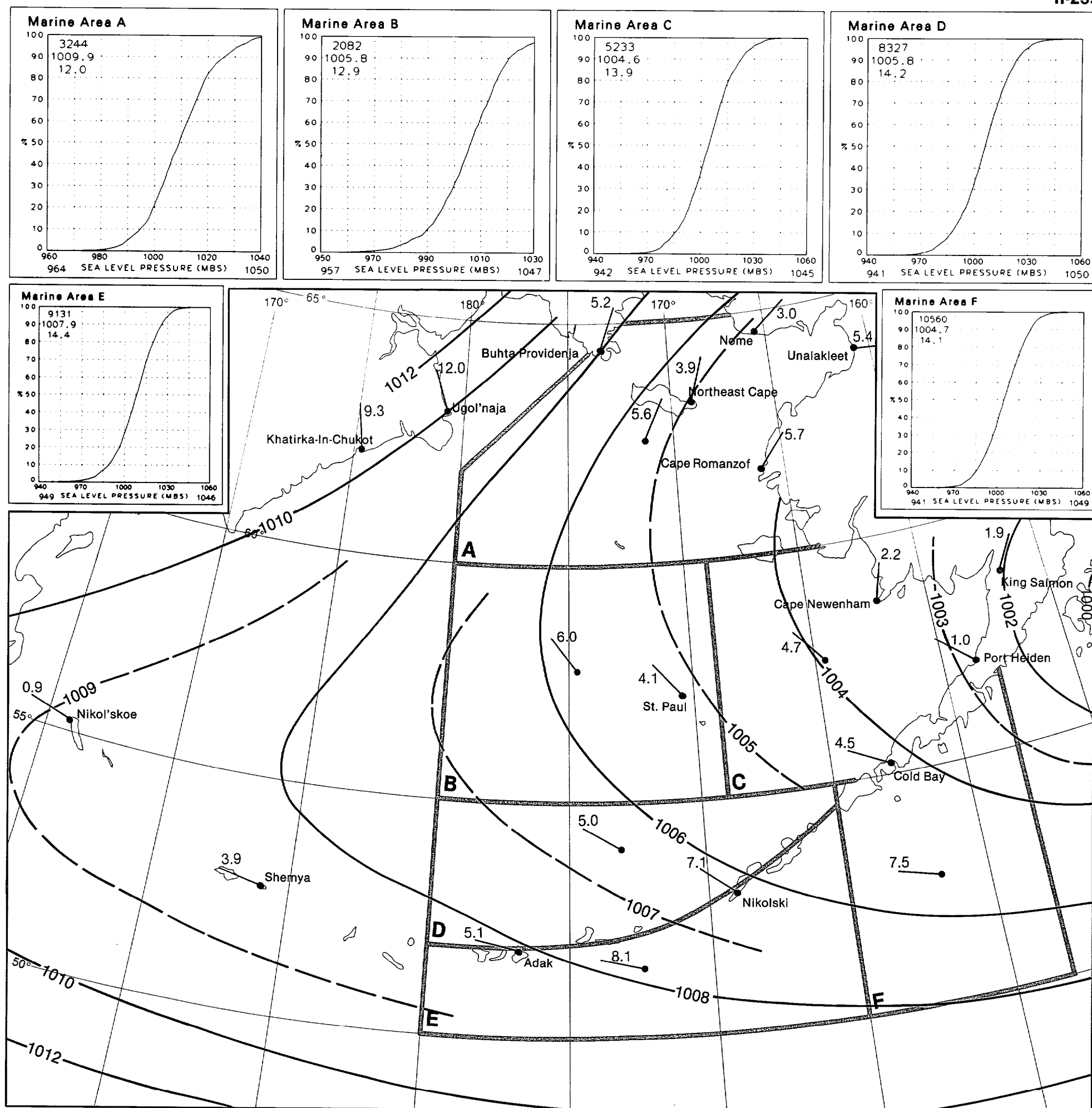




10 Mean Sea Level Pressure and Vector Mean Wind

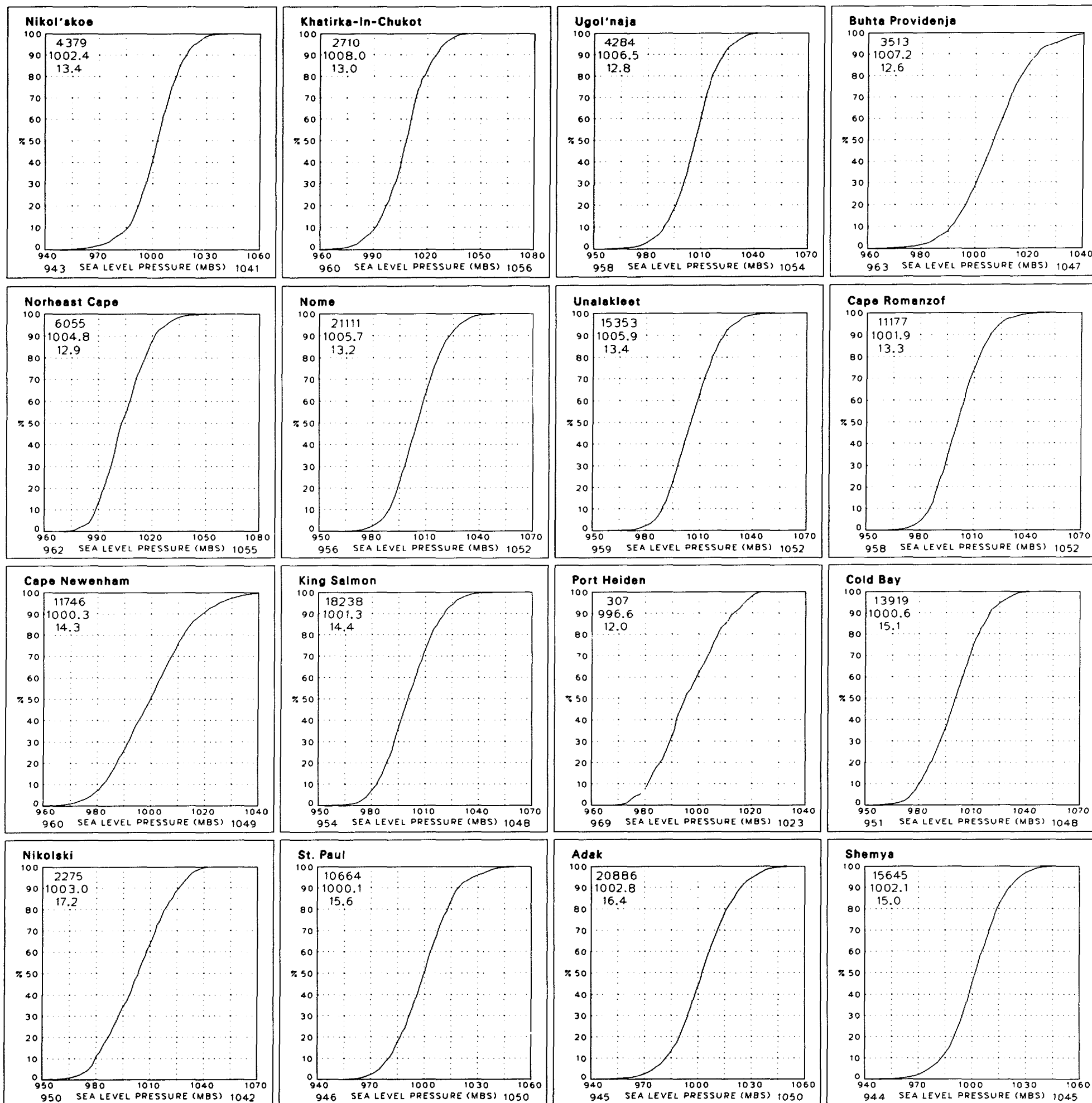
September





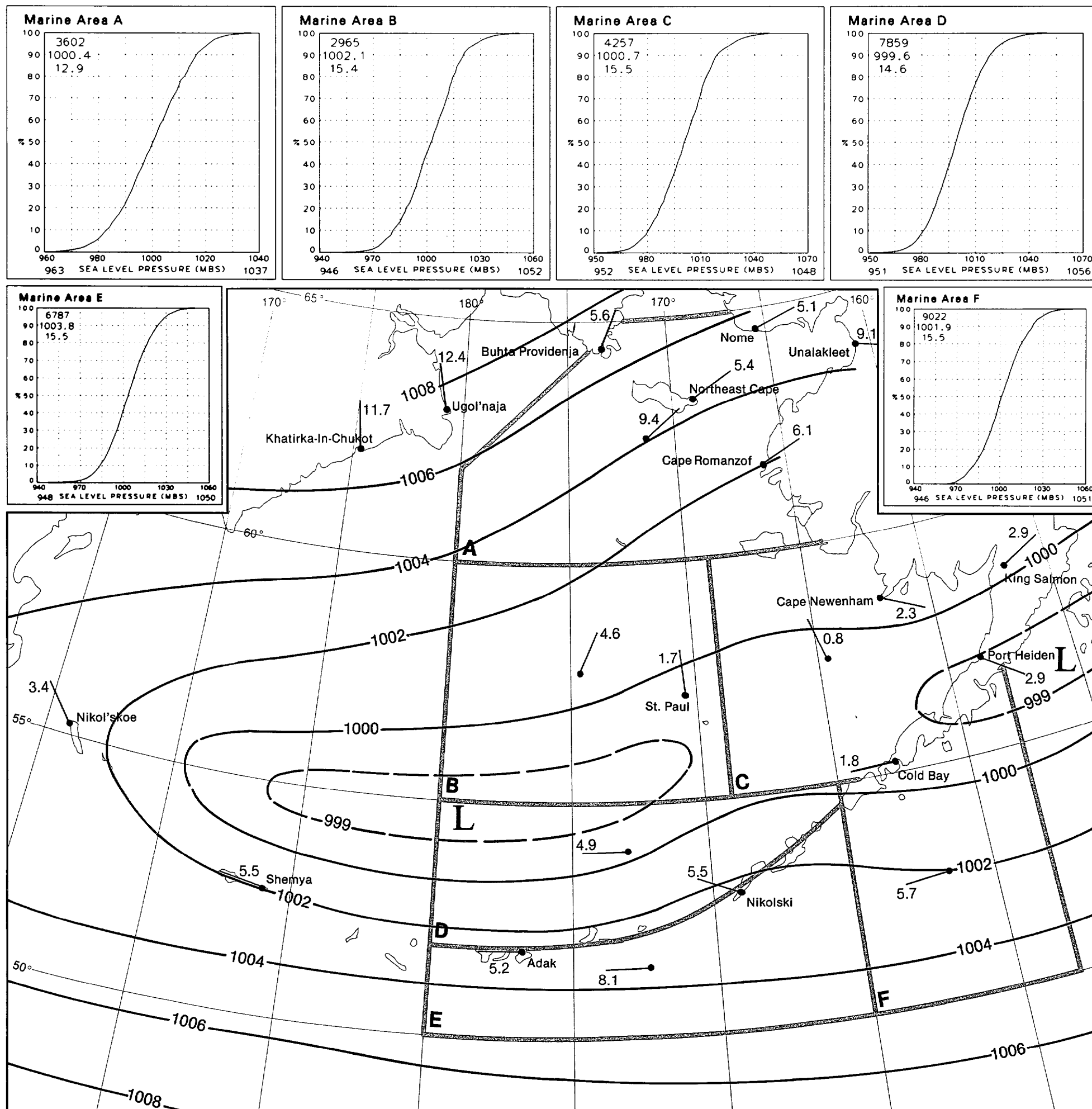
10 Mean Sea Level Pressure and Vector Mean Wind

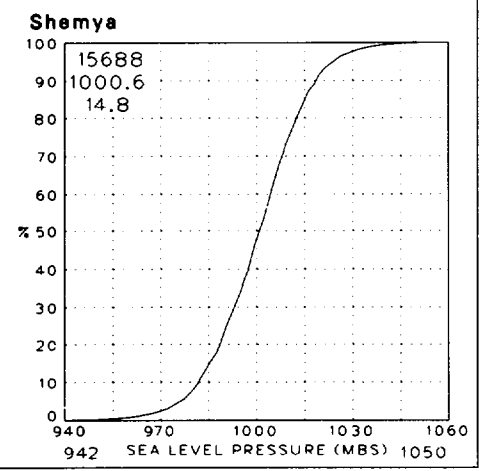
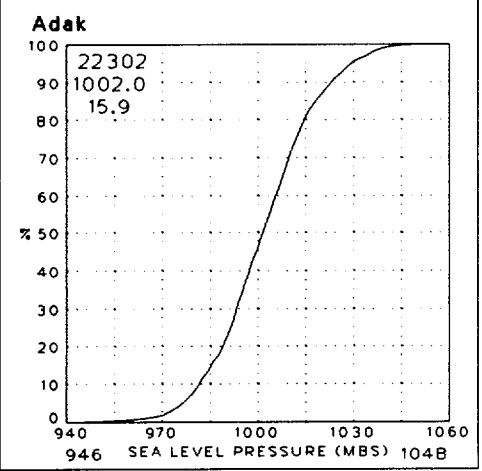
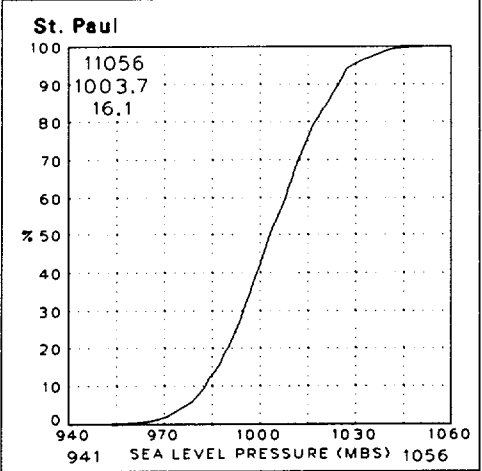
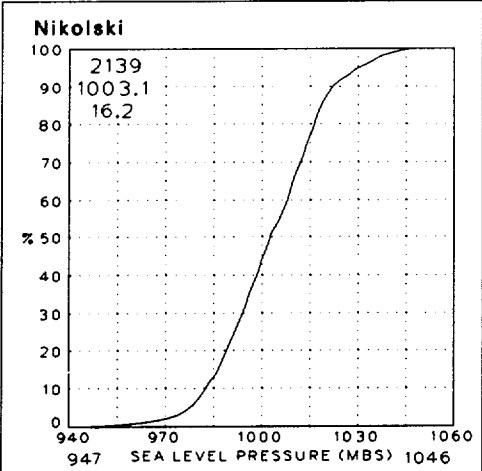
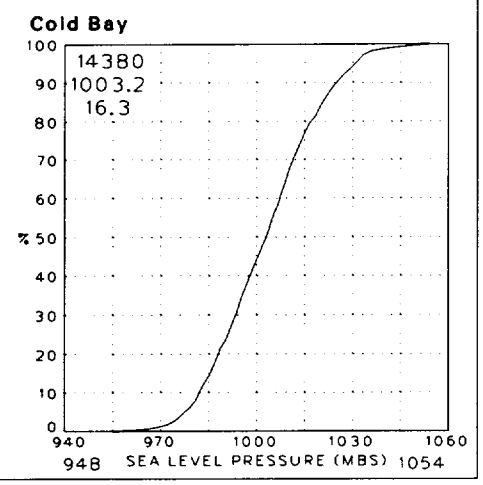
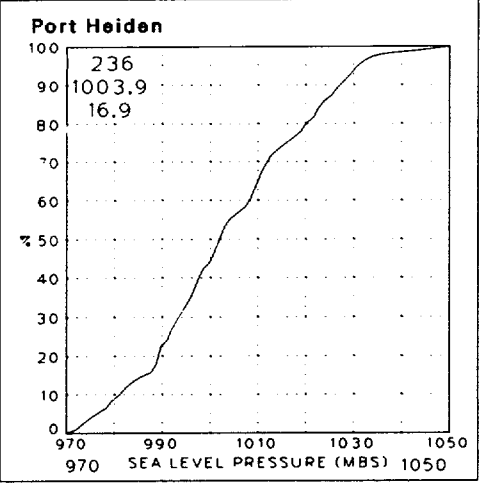
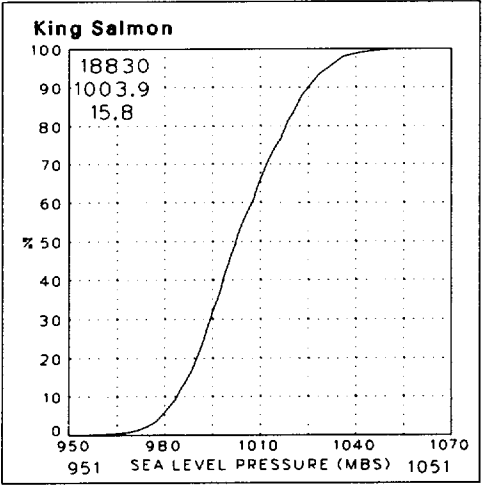
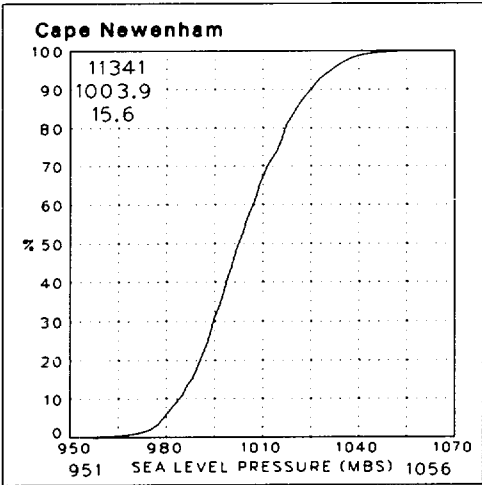
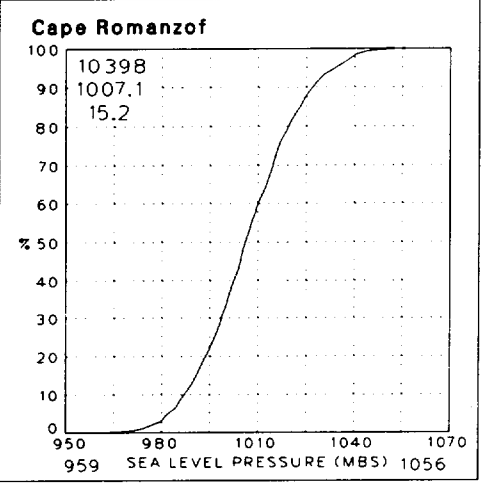
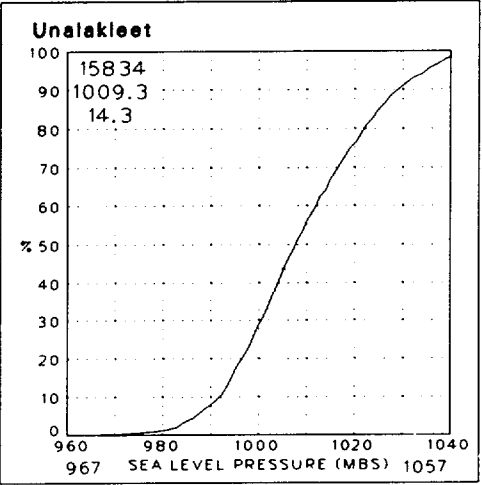
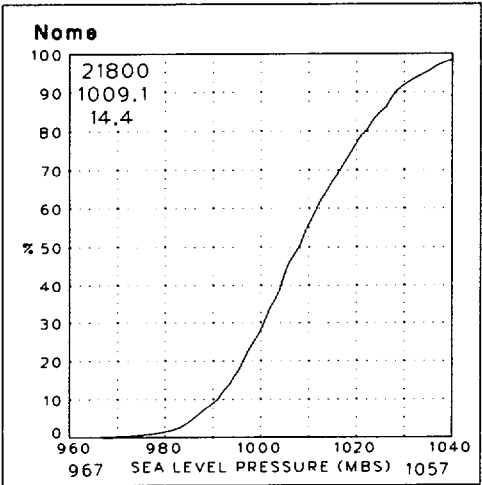
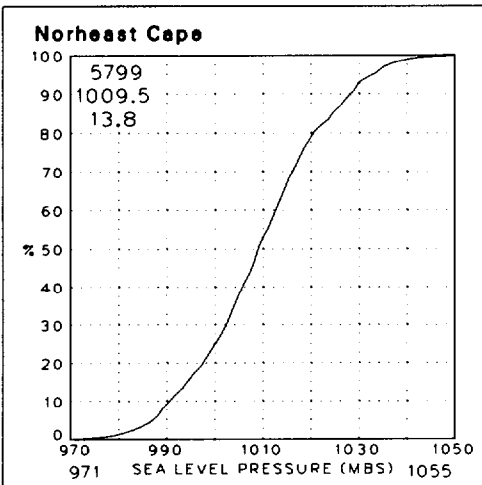
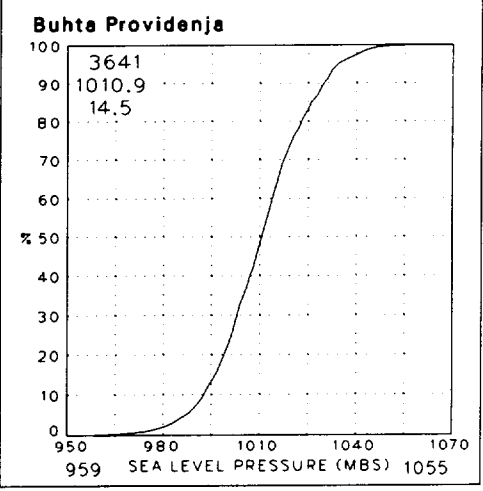
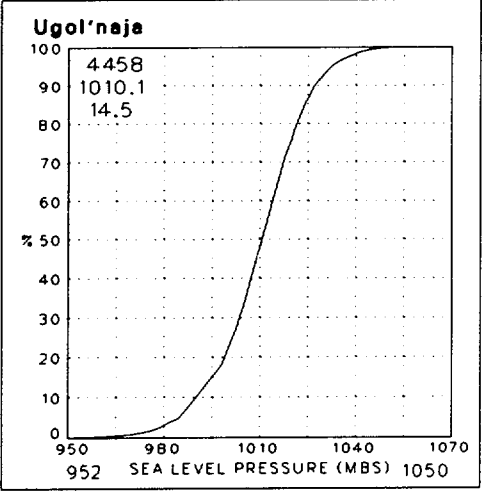
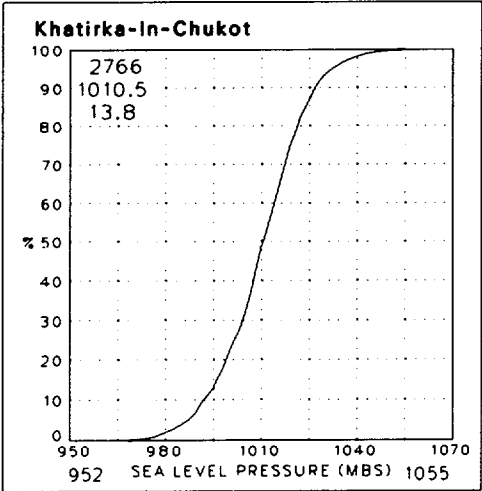
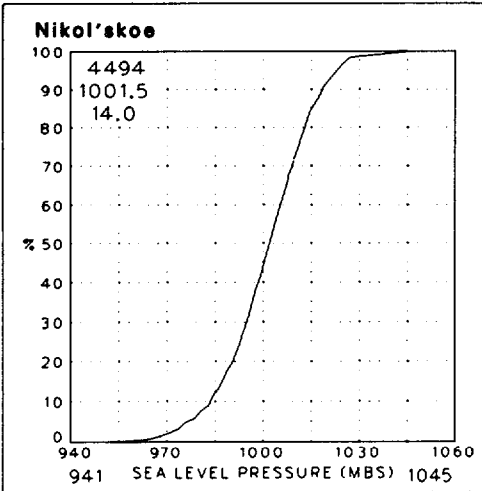
October

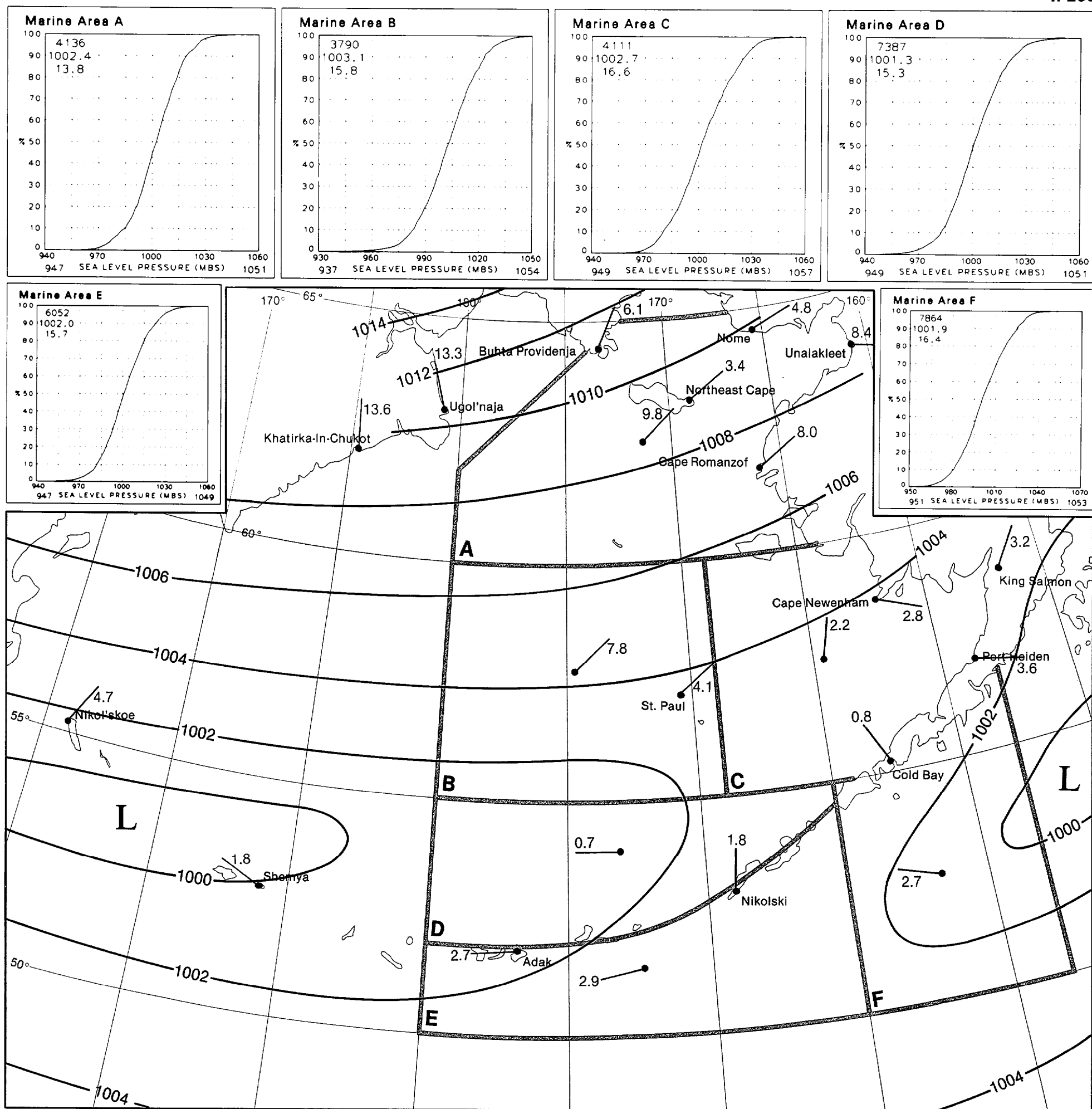


November

10 Sea Level Pressure







10 Mean Sea Level Pressure and Vector Mean Wind

December